

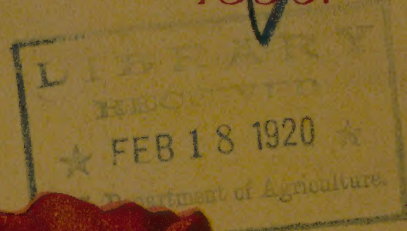
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CANADA
1918

Annual Catalogue of

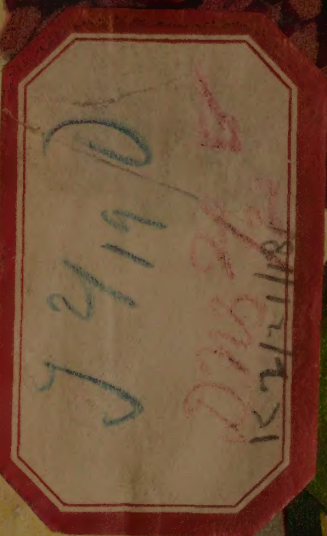
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Established
1856.

Simmers' Seeds



*Tall Double Zinnias
Simmers' Special
Mixture Pkt. 15¢. 2 for 25¢*



1918

J.A. Simmers, Limited
TORONTO ONTARIO

We respectfully call attention to the following directions, which will, if followed, assist us very much in the filling of orders, and thus be of benefit to customers themselves.

SEND YOUR ORDERS EARLY—By so doing you are sure of getting your order filled promptly and in full. Our rush season commences about March 1st, when it is impossible to fill orders promptly; hence orders received after this date are apt to be delayed. We endeavor to fill such orders in rotation as received.

Owing to unfavorable conditions some varieties of seeds will be short this season. In such cases we will substitute to the best of our judgment unless otherwise instructed.

SEND CASH WITH ORDER—Remittances should be made by Post Office Order, Postal Note, Express Money Order, Bank Draft, or Registered Letter. Money sent in any of these ways will ensure the minimum risk. Small amounts may be sent in stamps.

NAME AND ADDRESS—Be sure and write your name and Post Office address plainly (giving street and number, where necessary), as we very often get letters without signature, and others without the Post Office. In such cases we are, of course, unable to give them proper attention.

LADIES should always prefix their names with Miss or Mrs., as the case may be.

CORRESPONDENTS should always sign their names alike each time. Ladies very often sign their husband's name in sending an order, and then again their own name in making enquiry about it, or vice versa. This leads to confusion. Should you make any change in your permanent address, please notify us, that we may be able to forward our Catalogue to you.

SHIPPING INSTRUCTIONS—When ordering goods that cannot be sent by mail, always state whether you wish shipment by freight or express; also give the name of the railway and the express office to which goods are to be shipped. In the absence of such instructions we use our best judgment, but assume no responsibility further than delivering to the transportation company in good condition.

FLAG STATIONS—Goods ordered shipped to any flag station must have **freight prepaid**. Please allow for same in remittance, otherwise we shall ship to the nearest station.

EXTRA CATALOGUES—Should you receive an extra copy of our Catalogue, or have no use for this one, kindly hand it to some one who would likely be wanting seeds, etc.

DELAYS AND ERRORS—Should you not receive your seeds, etc., in a reasonable time after sending your order, advise us of the fact, enclosing a duplicate order and state the date the order was mailed, the amount of money enclosed; and in what form. On receipt of this we will at once investigate the matter, but if duplicate order is not sent we cannot do so promptly. Should any error occur we desire to be informed of it, and promise to make such corrections as will be perfectly satisfactory.

OUR PRICES—It is our constant aim to make highest quality a first consideration, and then to make our prices as low as good, honest seeds can be sold. Our prices for seeds of the highest standard of excellence, therefore, will in all cases be found to compare favorably with those of any other reliable house. "Our success achieved can only be maintained by the methods that obtained it."

NON-WARRANTY—Most of the failures with seeds, plants, and bulbs are due to causes entirely beyond our control, such as unfavorable weather or soil conditions, too deep or too shallow planting, etc., which render it impossible to guarantee success. We, therefore, give no warranty, expressed or implied, as to description, quality, growth, productiveness, kind, or any other matter, of any Seeds, Plants or Bulbs we sell; nor will we hold ourselves in any way responsible for the crop. If the purchaser does not accept the goods on these conditions, they must be returned at once, and the money that has been paid will be refunded. Agents are not authorized to change the above conditions and terms of sale.

FORWARDING BY PARCEL POST—When the Parcel Post System was put into force in February, 1914, the Special Postal Rate under which Seeds, Plants and Bulbs had previously been carried was cancelled, and they now have to go by Parcel Post at the new rates. These rates vary according to locality, and therefore it is impossible to quote postpaid prices that will be fair to all parts of the country. Hence the prices quoted in this catalogue do not include postage (except on seeds in packets, and ounces) but are the lowest nett prices of the goods themselves, and we ask our customers, when remitting with their orders, to allow sufficient to cover postage on all goods to be sent by mail.

The following rule for deciding amount of postage required will be strictly adhered to:—

All seeds ordered at catalogue prices in packets and ounces (except Special Collections) will be sent free by mail. With orders for larger quantities of seeds, and for all other goods offered by the pound, postage must be added according to the Parcel Post Rates, as given below.

Where Bulbs, Plants or any other goods not quoted by weight are required to be sent by mail, 20 per cent. of the value of the order (20 cents on the dollar) must be added for postage.

In case the necessary postage is not remitted, we will forward goods by Express or reduce the order sufficiently to cover postage. Any postage sent in excess of the amount required will be refunded.

In many cases it will be found cheaper to send by Express. In such cases we will use our best judgment and send by the cheapest route.

WE GUARANTEE that every parcel we send out by mail will reach its destination. If a package is lost in transit we will replace it.

WE PACK all seeds carefully, and they will carry with safety to any part of the world.

SEEDS ordered by the peck or bushel will be sent either by express or freight at purchaser's expense. Address all orders and other communications to

Phone Main 2492

J. A. SIMMERS, Limited, TORONTO

Private Branch Exchange

141, 143, 145, 147, 149, 151 KING STREET EAST

PARCEL POST RATES ON PARCELS MAILED FROM TORONTO

	1 lb.	2 lb.	3 lb.	4 lb.	5 lb.	6 lb.	7 lb.	8 lb.	9 lb.	10 lb.	11 lb.
	c.	c.	c.	c.	c.	c.	c.	c.	c.	c.	c.
To Any Post Office within 20 miles	.05	.06	.07	.08	.10	.12	.14	.16	.18	.20	.22
To Any Post Office beyond 20 miles, but within the Province of Ontario	.10	.14	.18	.22	.26	.30	.34	.38	.42	.46	.50
To Any Post Office in Quebec or Manitoba	.10	.16	.22	.28	.34	.40	.46	.52	.58	.64	.70
To Any Post Office in Saskatchewan or Maritime Provinces	.12	.20	.28	.36	.44	.52	.60	.68	.76	.84	.92
To Any Post Office in Alberta	.12	.24	.34	.44	.54	.64	.74	.84	.94	1.04	1.14
To Any Post Office in British Columbia	.12	.24	.36	.48	.60	.72	.84	.96	1.08	1.20	1.32
To Any Post Office in New Foundland—12 cents per lb. or any fraction thereof.											

The maximum charge on any parcel shall not exceed one cent an ounce

LAWN GRASS SEED

Our GRASS SEED is the best for our Canadian Climate. With it you can have LAWNS, GRASS PLOTS, CRICKET GROUNDS, GOLF LINKS, TENNIS COURTS, Etc., as soft as velvet, and as green as emerald all summer long. Price 35c. per pound.

LAWN GRASS SEED REQUIRED

1 lb for	300 square feet	25 lb for one-fourth acre
5 " "	1500 " "	50 " " one-half " "
10 " "	3000 " "	100 " " one " "
15 " "	4500 " "	

If intended for renovating an old lawn, about half the above quantities are sufficient for the given spaces.

SIMMERS' "TORONTO PARKS" LAWN GRASS SEED

It forms a close, thick turf in a few weeks' time, with no tendency to stool or grow in clumps. It is deeply and withstands severe drought without turning brown, maintaining its beautiful deep green color throughout the season. We have made a study for years of the finest lawns in this country to-day were obtained by using our "Toronto Parks" Lawn Grass Seed, which is composed of various grasses that grow and flourish during different months of the year, so that a rich, deep green velvety lawn is constantly maintained, rivaling the famous lawns of Old England.

If people only knew how comparatively easy it is to make a lawn with our "Toronto Parks" Lawn Grass Seed, the days of using sod, with all the attendant expense, would soon be over.

A beautiful lawn, with its close, velvety turf, is a beautiful feature in the adornment of suburban homes—without it the finest flowering plants and bedding are insignificant, while with it, handsome grounds are assured, even with no other adornment.

PRICE, (with or without White Clover)—Per lb. 5 lbs. \$1.65, 10 lbs. \$3.20, 25 lbs \$7.75, 100 lbs \$30.00. Package extra.

WHITE DUTCH CLOVER, Pure for mixing with Lawn Grass Seed—Per lb 70c.

White Dutch Clover and Alsike. Mixed.—Per lb 50c.



"SHADY NOOK" MIXTURE—For sowing under trees and in shady places. It will not only grow in such places, but forms a fine sward where few other grasses can exist. Sow 40 lbs per acre. Per lb 40c.

"BOWLING GREEN and TENNIS LAWN" GRASS MIXTURE—Per lb. 35c.

"PUTTING GREEN" GRASS MIXTURE—The varieties comprising this mixture are all of the finest bladed, low growing and most hardy kinds. Per lb. 35c.

"GOLF LINKS" GRASS SEED—The mixture we offer is comprised of such varieties of grasses as will thrive here, and such as have given general satisfaction on many golf courses. Lb 35c, 5 lbs \$1.65, 25 lbs \$7.75, 100 lbs \$30.00.

BLUE GRASS, for Lawns, Extra Clean—Per lb 20c, 10 lbs \$1.90.

RED TOP, for Lawns, Extra Clean—Per lb 30c, 10 lbs \$2.75.

SIMMERS' LAWN ENRICHER—10 lbs sufficient for 300 square feet. This dressing is so prepared that it acts gradually through the season, producing a luxuriant growth of grass without weeds, which are always produced when manure is used. 5 lbs 40c, 10 lbs 75c, 25 lbs \$1.50, 50 lbs \$2.75, 100 lbs \$5.00.

AMERICAN LAWN MOWERS

Prices subject to change without notice.

The Pennsylvania Mowers have become so well known as to render any introduction unnecessary. Ease of operation and high quality of material qualities unsurpassed by any other Lawn Mower.

Pennsylvania Low Wheel

12 inch, 8 inch wheel.....	\$18.00	16 inch, 8 inch wheel.....	\$25.00
" " "	20.00	18 " " "	28.00
" " "	22.00		

Pennsylvania High Wheel

12 inch, 10 1/2 inch wheel.....	\$36.00	19 inch, 10 1/2 inch wheel.....	\$40.00
" " "	38.00	21 " " "	42.00

Pennsylvania Jr. Lawn Mower

This High Wheel Mower, with the ball-bearing feature, suggests great power. In high and tangled grass, the least amount of exertion is required. On uneven ground this machine cuts the grass smoothly and uniformly.

Five knife cylinder, 10 inch wheel—15 inch, \$36.00; 17 inch, \$38.00; 19 inch, \$40.00; 21 inch, \$45.00.

Pennsylvania Golf Mower

Especially adapted where very close cutting is required. Seven blades, ball bearing; 7 inch, \$45.00; 19 inch, \$50.00.

Pennsylvania Horse Lawn Mower

PRICE ON APPLICATION

CANADIAN LAWN MOWERS

Prices subject to change without notice.

THE "ADANAC"

A strictly high class machine, designed for steady hard service. Equipped with train of gears, 10 1/2 inch drive wheels, four blades of crucible tool steel, oil tempered. 17 inch, \$16.00; 19 inch, \$17.00; 21 inch, \$18.00.

The "Woodyatt"—Tool steel knives, oil tempered. Bearings are extra long and adjustable. Best quality material used throughout its construction. Four-knife cylinder. 10 1/2 inch drive wheels. Made with grass box attachment. 10 1/2 inch High Wheel (four blades)—12 inch \$8.00; 14 inch, \$9.00; 16 inch, \$10.00; 18 inch, \$11.00; 20 inch, \$12.00.

LEADER Adjustable Grass Catcher, \$1.50 each.

Champion Lawn Mower Sharpener. Price, each 50c.

Pennsylvania Lawn Trimmer

6-inch cut, 4 steel blades, ball bearing; will cut to within 1/8 of an inch of wall or tree trunk and mow any border wide enough to run one wheel on. Price, \$13.00.

Pennsylvania Ball Bearing Undercut Lawn Trimmer. Price \$11.50.

Pennsylvania Lawn Cleaner and Rake

This machine will do the work of three men; gathers up grass, fallen leaves and all loose rubbish. Price, 24-inch sweep, \$32.00, 36-inch \$42.00.

Braun Grass Catcher

Adjustable to Pennsylvania Mowers only.

12 inch.....	\$3.50	17 and 18 inch.....	\$5.00
14 "	4.00	19 " 21 "	5.50
15 and 16 inch	4.50		

NOTE—We carry a stock of extra parts for Pennsylvania Mowers, prices reasonable.

MAIL ORDERS

So simple; so sure. Select from this Catalogue what's wanted. Order by mail, and you can depend on the minutest wants being supplied.

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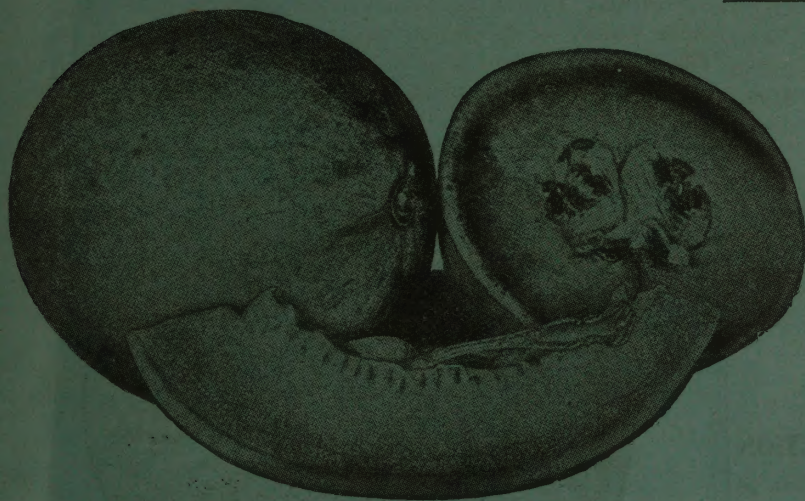


Lettuce, Wayahead

LETTUCE, EARLIEST WAYAHEAD

As the name implies, this variety is superior to all other early-heading varieties of Lettuce. It is of handsome appearance and fine quality. The outer leaves are a light green with the inner head finely blanched to a rich buttery yellow. The heads are large and tightly folded. It has proved to be not only the earliest, but one of the surest heading varieties ever introduced, and retains its fine quality throughout the season. We recommend it both for forcing and open air culture.

Pkt. 10c, oz. 30c, $\frac{1}{4}$ lb. \$1.00.



Musk Melon, Honey Dew

MUSK MELON, HONEY DEW

This exceedingly fine new Melon, while not largely grown as yet, commands a high price in some markets where it has become known. The fruit has a smooth, almost white rind and measures about six inches in diameter by seven to eight inches long. The flesh is green, thick and of a peculiar sweet flavor, resembling that of a well-ripened banana.

Pkt. 15c, oz. 50c.

Onion, Simmers' Adanac Prizewinner

This splendid novelty, offered now for the first time in Canada, originated in Spain a few years ago, and as yet the supply of seed is limited. It is well illustrated on the back cover of this catalogue and a fairly good idea given of its wonderful cropping qualities. Specimens have been grown weighing 3 to 4 lbs. The illustration is from Onions grown in the neighborhood of Toronto from seed supplied by us last season.

Packet 15c, 4 for 50c, oz 90c.

CHINESE or CELERY CABBAGE

(PE-TSAI)

Imported to this country and successfully grown for some years by the Chinese gardeners on the Pacific coast. This new vegetable is gradually becoming very popular in Eastern Markets as well, where it has been sold as "Celery Cabbage". It produces beautiful crisp, celery-like heads that blanch easily and resemble a giant Cos Lettuce. It may be cooked like cabbage or used for salads, or the leaves may be stripped off leaving the central stalks to be eaten like celery, for which it makes a splendid substitute.

Pkt. 10c, oz. 40c.



Chinese Cabbage

SQUASH, BURGESS' CREAM

This is a most desirable running variety for both summer and winter use. The vines are of vigorous growth and wonderfully productive. Fruits eight to ten inches long, slightly ridged, with smooth yellowish skin; flesh is thick, of a light straw color and of excellent flavor. If stored in a cool place they will keep till June.

Pkt. 10c, oz. 30c, 2 oz. 50c, $\frac{1}{4}$ lb. 90c.



Squash, Burgess' Cream



Cucumber, Danish Pickling

CUCUMBER, DANISH PICKLING

This is one of the best introductions of one of the leading growers in Denmark. It has become very popular in the land of its origin, and we believe will meet with equal favor in this country. It is a fine slicer and pickler, and is being largely used for dill and mustard pickles. It is a shy seeder and remains green a long time. Pkt. 10c, oz. 25c, $\frac{1}{4}$ lb 80c.



"Copenhagen Market" Cabbage

CABBAGE, "COPENHAGEN MARKET"

(Danish Grown)

In introducing this new variety from Denmark we have the assurance of the grower that it is second to none as a second early cabbage. The heads are large, weighing 14 to 16 lbs., globe shaped, and remarkably solid; the outside leaves are well developed. (See illustration.) We have received a limited supply of this seed direct from the originator, and do not hesitate to recommend it to our customers.

Pkt. 10c, oz. 60c, 2 oz. \$1.10, $\frac{1}{4}$ lb. \$2.00.**RED CABBAGE**

Danish Stonehead

A very superior variety, heads round and compact, color intense red. The outer leaves are medium in size and covered with a silvery sheen. Keeps very well through the winter and is highly recommended. Pkt. 10c, oz. 60c, 2 oz. \$1.10, $\frac{1}{4}$ lb. \$2.00.

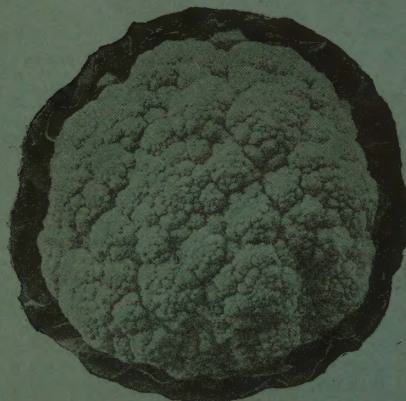
TOMATO, BONNY BEST

An excellent variety for the home garden, and also suitable for forcing. It matures with Chalk's Jewel, a few days later than Earliana. Fruits are uniformly large, smooth, and of intense scarlet color.

Pkt. 5c, oz. 40c, 2 oz. 70c, $\frac{1}{4}$ lb. \$1.30.**CAULIFLOWER****DANISH PERFECTION**

This is the result of many years' efforts to breed a very early Cauliflower of the Dwarf Erfurt type. It is about ten days earlier than Dwarf Erfurt or Snowball. Plants are dwarf with small leaves, heads medium size, pure white, very firm and of finest quality.

Half pkt. 15c, pkt. 25c, $\frac{1}{4}$ oz \$1.00, $\frac{1}{2}$ oz \$1.80, oz \$3.50.



Cauliflower Danish Perfection

SIMMERS' BUSH MUSK MELON

This is a distinctly new variety in that the plants are of bushy habit, growing only fifteen to eighteen inches in length, permitting very close planting. Fruits vary in shape from flattened-round to almost spherical, averaging 5 inches in diameter. The ribs are shallow; the surface is dark green, but so densely netted as to appear almost russet colored. The flesh is very deep, edible almost to the rind and in color is light green flushed with salmon towards the centre, very sweet and juicy. It ripens a little in advance of Rocky Ford. Pkt. 10c, oz. 30c, 2 oz. 55c, $\frac{1}{4}$ lb. \$1.00.



Bush Musk Melon

MUSK MELON, HOODOO

A wonderfully prolific Melon, withstanding blight much better than other varieties, and producing melons of fine quality early in the season. In size and shape it resembles Rocky Ford, but is somewhat more round, a feature greatly in its favor for shipping. The flesh is fine grained, sweet, extremely thick, and of a deep orange color. Pkt. 5c, oz. 20, 2 oz. 30, $\frac{1}{4}$ lb. 50, lb. \$1.50.

TOMATO, ALPHA PINK

The Earliest Pink Tomato yet introduced

Since the introduction of Earlibell (the earliest red tomato) growers of early tomatoes have been looking for a good early pink variety. We are glad, therefore, to offer the ALPHA PINK, claimed by the grower to be the earliest pink Tomato in cultivation. In addition to its extreme earliness it is a superior table variety of handsome shape and attractive appearance. The fruits are set in large clusters and ripen very evenly. The vines are of vigorous growth and continue to bear until frost.

Pkt. 5c, oz. 40c, 2 oz. 70c, $\frac{1}{4}$ lb \$1.30.

Tomato Bonny Best

GARDEN PEAS OF SUPERIOR QUALITY

QUITE CONTENT

This is said to be the **Largest Podded Pea in Existence**. It is a very strong grower, the vines attaining a height of five to six feet, when grown under favorable conditions. The foliage is large and heavy and of a deep green color. The pods, which are usually produced in pairs, measure from five to six inches in length, and contain from nine to eleven peas of large size and delicious flavor. It is a good cropper and continues to bear for a long period. **The Best Main Crop Variety Known.** Pkt. 10c, lb. 40c, 2 lbs. 75c, 5 lbs. \$1.75.

RIVENHALL WONDER

This grand, early, large-podded wrinkled marrow Pea has steadily increased in popular favor, as every one who plants Rivenhall Wonder Pea recommends it to his neighbors.

The vine is of vigorous, robust growth, about 20 inches high, heavy-stemmed, with luxuriant healthy foliage; it bears uniformly large, handsome pods of large luscious peas, and although it commences bearing so early it continues for a long time; the peas also remain sweet and tender for some time after they are fit to pick. Large pkt 10c, lb 40c, 2 lbs 75c, 5 lbs \$1.75.

"LAXTON'S SUPERB"

A very early Dwarf Pea, growing about 2 to 2½ feet high, and bearing an immense crop of large pods, containing 9 to 10 peas. Vines are branching and very robust; the peas are semi-wrinkled and of very fine flavor. Among the many varieties tested in our trial grounds the past season, we consider Laxton's Superb by far the best, both for private and market purpose. Pkt 10c, lb 40c, 2 lbs 75c, 5 lbs \$1.75.

Beet, Witham Fireball

This new early variety is without doubt one that will be much appreciated, not only by the private gardener, but also by those who grow beets for the market. It is of handsome appearance, being globe-shaped, and of beautiful deep, rich red color, with fine smooth skin. The flesh is solid and very sweet. In season it is about the same as Crosby's Egyptian, extra early.

Pkt. 5c, oz 25c, 2 oz. 45c, ¼ lb. 80c, lb. \$2.80.

Radish, Cooper's Sparkler

This is an improved variety of the well-known Scarlet White Tipped Turnip Radish. It is distinct in that the white tip is larger and more pronounced than in any other variety, extending nearly half way up the root, contrasting strongly with the bright rosy carmine of the upper portion.

Pkt 5c, oz 25c, 2 oz 45c, ¼ lb 70c, lb \$2.50c.

Bush Beans, Simmers' Improved Kidney Wax

This grand new Bean comes into market at the same time as the popular Wardwell's Kidney Wax, but is much more prolific and the pods are longer, more fleshy and of much finer quality. The plants are of erect bushy habit, growing to a height of eighteen to twenty inches. The pods are six to seven inches long, of a rich lemon yellow color, remarkably meaty, and absolutely stringless. Being entirely free from blight or rust, this new Bean will prove a most valuable variety to grow, either for market or private use.

Pkt. 10c, ½ lb 30c, lb. 50c.

Sure Crop Stringless Wax Bush Beans

This new variety, which was introduced by us last season, is a Wax-podded Bush Bean of remarkable vigor and productiveness. It is very hardy and is practically free from rust. The pods which are of rich yellow color, are perfectly stringless at all stages of development, and for either market purposes or private use, we consider this one of the best Beans ever introduced.

Pkt. 10c, ½ lb. 30c, lb. 50c.

LAXTONIAN

This new dwarf Pea is the largest podded of all the early Dwarfs. We consider it the greatest advance in Dwarf Peas since the introduction of Nott's Excelsior, and it must soon displace the other varieties in this class.

Season early, pods as large as Telephone and well filled with eight to ten large peas; peas of exquisite flavor; vines vigorous and productive. We are positive the variety will become a standard in a very short time. Pkt 10c, lb 40c, 2 lbs 75c, 5 lbs \$1.75.

MARKET SURPRISE

One of the earliest of the wrinkled sorts, fully as early as the smooth varieties but far superior in quality. The vines grow about two feet high, and are enormously productive, bearing many pods which are well filled with deliciously sweet peas; not quite as large as the American Wonder, but fully its equal in quality.

Pkt 10c, lb 40c, 2 lbs 75c, 5 lbs \$1.75.



"Laxton's Superb" Pea



Simmers' Collections of Garden Seeds

FOR THE CITY AND SUBURBAN GARDEN

THESE COLLECTIONS CONTAIN

Only True and Tried Kinds

Considering the extremely low rate we cannot possibly permit any change in the varieties.

No. 1
\$
Collection

25 Pkts

Muskmelon—Montreal Green Nutmeg.
Watermelon—Cuban Queen.
Onion—Yellow Danvers.
Onion—Prizetaker.
Parsley—Champion Moss Curled.
Parsnip—Improved Hollow Crowned.
Pepper—Sweet Spanish.
Peas—Stratagem.
Peas—Nott's Excelsior.
Pumpkin—Mammoth.
Radish—Scarlet Turnip, White Tipped.
Salsify—Mammoth Sandwich Island.
Squash—Summer Crookneck.
Squash—Hubbard.
Turnip—Purple Top, Strap-leaved.
Tomato—Early, Ruby.

Also a copy of Simmers' "Vegetable Garden" (New Edition).

Contains 25 packets of the best Vegetable Seed, sufficient to furnish vegetables throughout the year, for the extremely low price of \$1.00.

GARDEN COLLECTION NO. 2

13 Packets for 50c

50c.

Beans—Simmers' Giant Wax
Beet—Blood Turnip.
Cabbage—Winnigstadt.
Celery—White Plume.
Corn, Sweet—Cory.
Cucumber—Chicago Pickle.
Cucumber—Long Green.
Lettuce—Simmers' Nonpareil.

Corn, Sweet—Cory.
Cucumber—White Spine.
Cabbage—Winnigstadt.
Celery—White Plume.
Lettuce—Simmers' Nonpareil.
Onion—Large Yellow Danvers.
Parsnip—Improved Hollow Crowned.
Parsley—Champion Moss Curled.
Peas—American Wonder.
Radish—Scarlet Olive.

GARDEN COLLECTION NO. 3

6 PACKETS FOR 25 CENTS

25c.

Lettuce—Simmers' Nonpareil.
Onion—Yellow Danvers.
Radish—Scarlet Olive-shaped.

Beet—Blood Turnip
Carrot—Scarlet Intermediate.
Cucumber—White Spine.

FARMERS'

VEGETABLE COLLECTION NO. 4

PRICE \$1.75

\$1.75

Contains 1 ounce
Beet, 1 pound
Beans, 1 ounce
Carrot, 1 pound
Sweet Corn, 1 packet
Cucumber, 1 packet
Lettuce, 1 packet
Watermelon, 1 packet
Citron, 1 ounce
Onion, 1 packet
Parsnip, 1 packet
Radish.

GARDEN COLLECTION NO. 5

Suitable for Manitoba, Alberta, Saskatchewan, and Yukon Territory.

13 PACKETS FOR 50 CENTS

50c.

Beans—Simmers' Giant Wax.
Beet—Half Long Blood.
Cabbage—Premium Flat Dutch.

Carrot—Early English Horn.
Cauliflower—Demidur.
Celery—Simmers' Large Ribbed Dwarf White.
Corn—First of All.
Lettuce—Hanson.
Onion—Australian Brown.
Parsnips—Guernsey.
Parsley—Triple Curled.
Peas—American Wonder.
Radish—Scarlet Olive.

THE "CITY AND SUBURBAN" GARDEN COLLECTION

PRICE \$1.00

\$1.00

Contains 17 Distinct Varieties of Vegetables

Beet—Blood Turnip, 1 pkt.
Beans—Dwarf, Yellow Wax Pod, 1 pkt.
Cabbage—Early Jersey Wakefield, 1 pkt.
Carrot—Scarlet Horn, 1 pkt.
Corn—Early Sugar, 1 pkt.
Cucumber—Long Green, 1 pkt.
Lettuce—Cos, 1 pkt.
Lettuce—Nonpareil, 1 pkt.
Onion—Yellow Danvers, 1 pkt; Mammoth Silver King, 1 pkt.
Parsley—Triple Curled, 1 pkt.
Peas—American Wonder, ½ pt.; Stratagem, ½ pt.
Radish—Scarlet Olive, 1 pkt.
Squash—Vegetable Marrow Bush, 1 pkt.
Tomato—Imperial, 1 pkt.
Turnip—Snowball, 1 pkt.

Give Your Boys a Garden

25c.

And provide a means of healthy exercise and delightful recreation. In order to encourage "Young Canada," we offer—

"OUR BOYS' COLLECTION"

6 PACKETS FOR 25 CENTS

Beans—Canadian Wonder.
Beet—Blood Turnip.
Cress—Curled.
Lettuce—Nonpareil.
Onion—"Prizetaker."
Radish—"Rosy Gem."

BOOKS, Agricultural and Horticultural

Smaller books sent postpaid at prices quoted. Where weight is stated please add sufficient for postage, according to schedule on inside Front Cover.

"A. B. C." of Potato Culture by Terry.....	\$0 50	Harris' Talk on Manures. The teachings in this book are exceedingly practical. Revised Edition. 1 lb. 6 oz.....	\$1 50
Alfalfa. One of the most valuable and productive crops. F. B. Coburn. 12 oz.....	50	Heinrich's Window Flower Garden. The author shows how by means of a few simple directions every one can enjoy this delightful method of floriculture. 9 oz.....	50
American Apple Orchard. This work is the result of actual experience and observation of a practical man. F. A. Waugh. 1 lb. 5 oz.....	1 00	Henderson's New Handbook of Plants. A leading authority on nomenclature of plants; also a strictly reliable guide on cultivation. One thousand illustrations. 3 lb. 10 oz.....	3 00
American Bird Fancier. Gives full details for successfully raising cage, and other Birds.....	50	Home Floriculture. By C. N. Page. 1 lb. 3 oz.....	25
Asparagus. A practical treatise for home use, and market. F. M. Hexamer. 12 oz.....	50	Home Pork Making. The art of raising and curing pork on the farm. A. W. Fulton. 10 oz.....	50
Barry's Fruit Garden. Combines the union of theory with practice in every department. New Edition. 1 lb. 13 oz.....	1 50	Insects and Insecticides. A practical manual concerning noxious insects and the methods of preventing their causing injuries. C. K. Weed. 1 lb. 4 oz.....	1 50
Bee Culture, A.B.C. of. Root. An alphabetically arranged Cyclopaedia of everything pertaining to the care of the honey bee, revised and enlarged. 4 lbs.....	2 50	Landscape Gardening. Covers the general principles governing art in the garden. F. A. Waugh. 12 oz.....	75
Beginners' Guide to Fruit Growing. Full of practical details. F. A. Waugh. 13 oz.....	75	Mangel Wurzel and Carrots. How to raise, how to feed, how to keep (Gregory).....	30
Bulbs and Tuberous-Rooted Plants. The cultural directions are plainly stated, practical, and to the point. C. L. Allen. 1 lb. 8 oz.....	1 50	Money in the Garden. A vegetable manual prepared with a view to encourage economy and profit. By P. T. Quinn. A practical work, illustrated. 1 lb. 1 oz.....	1 00
Business of Dairying. This book will be of great assistance to the dairyman. C. B. Lane. 1 lb. 8 oz.....	1 25	Mushroom Culture. A concise and luminous little treatise. Pamphlet. Published by J. A. Simmers.....	10
Cabbage, Cauliflower and Allied Vegetables. An exhaustive compilation by a practical man. C. L. Allen. 10 oz.....	50	Mushrooms. How to Grow Them. Falconer. 12 oz.....	1 00
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Diseases of Swine. A text book for swine growers. The subjects dealt with are based on science and confirmed by experience. D. McIntosh. 13 oz.....	2 00	Our Farm of Four Acres and the Money We Made by it. This work is written by a woman who describes her experiences in managing a small farm.....	30
Farmer's Cyclopaedia of Agriculture. Wilcox & Smith, cloth, 3 lbs.....	3 50	Parsons on the Rose. This work is altogether the most complete of any before the public on this subject. New and Revised Edition. 10 oz.....	1 00
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Flax Culture. Contains full directions by a number of experienced growers.....	30	Practical Floriculture. A guide to the successful propagation and cultivation of florists' plants. Henderson. 1 lb. 4 oz.....	1 50
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Fruit Harvesting, Marketing, etc. The subject has been treated strictly from the standpoint of the fruit producer, and is tersely and plainly put and adequately illustrated. F. A. Waugh. 1 lb.....	1 00	Pruning Manual, by L. H. Bailey. Devoted exclusively to pruning—Subject is made so clear it can be readily understood by the beginner. 1 lb. 14 oz.....	2 00
Fumigation Methods. Explains the new methods for destroying insects with hydrocyanic acid gas and carbon bisulphide. W. G. Johnston. 1 lb. 4 oz.....	1 50	Soiling Crops, and the Silo. How to cultivate and harvest crops; how to build and fill a silo, etc. Thomas Shaw. 1 lb. 6 oz.....	1 50
Fuller's Grape Culturist. A treatise on the cultivation of the Native Grape. 1 lb. 3 oz.....	1 00	Spraying Crops, Why, When and How. Specially useful for owners of spraying machines. C. M. Weed. 11 oz.....	50
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Garden Guide. The amateur gardener's handbook. Full of practical hints on the cultivation of vegetables and flowers, as well as the care of lawns, shrubberies, etc.....	60	Swine Husbandry. A practical manual for the breeding, rearing, and management of Swine. Revised Edition. F. D. Coburn. 1 lb. 3 oz.....	1 50
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Gardening for Profit. A guide to the successful culture of the market and family garden. New, revised and enlarged edition. 1 lb. 6 oz.....	1 50	Tobacco Leaf. By Myrick and Killbrew. 3 lb. 4 oz.....	2 00
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Greenhouse Construction. Complete details on everything connected with building a greenhouse. Prof. L. R. Taft. 14 oz.....	1 50	Vegetable Garden. New Edition. Published by J. A. Simmers.....	25
Greenhouse Management. A thoroughly practical book for florists and lovers of flowers. By Prof. L. R. Taft. 1 lb. 7 oz.....	1 50	Vegetable Gardening. The most complete and practical work on the subject ever published. R. L. Watts. 2 lbs.....	1 75
		Your Plants. Plain directions for the treatment of plants in the house and garden.....	40
		Young Farmer: Some things he should know. An extremely valuable guide to the beginner. T. Hunt. 1 lb. 5 oz.....	1 50



PLEASE NOTE—Owing to the very unfavorable weather conditions, and also to shortage of production in all seed growing districts, stocks of many varieties of seeds are exceedingly scarce, and prices have advanced accordingly. Furthermore we can guarantee prices herein quoted only so long as our present stocks last.

ARTICHOKE

French—Artichaut.

German—Artischoke.

CULTURE—Sow in April in rich soil and transplant to permanent beds the next spring, in hills three feet apart each way, with three plants to hill. A rich, deep loam is required, and plenty of moisture. Cover with litter or earth in winter.

Large Green Globe—Perennial, maturing second year; large flowering heads, cooked like Asparagus. Per pkt. 10c, oz. 70c.

Jerusalem Artichokes—A hardy and productive tuber, used for cooking, pickling for table use, and feeding stock. Strong tubers, lb. 20c, peck 70c, bushel \$2.40.

ASPARAGUS

French—Asperge.

German—Spargel.

One ounce for 60 feet of drill. **CULTURE**—After soaking the seed for 24 hours in lukewarm water, sow as early in spring as the season will permit and the ground can be worked, in drills one foot apart, covering the seed one inch deep. Thin plants to three inches apart in the row. The following spring, not too early, transplant into permanent highly-manured beds four feet wide, and three rows in each. Plant one foot apart. Cover in the fall, with well-decayed manure, and in the spring give a good dressing of salt.



Columbian Mammoth Asparagus

Columbian Mammoth White—Shoots of large size and of superior tenderness and flavor. The color is clear white until four to six inches above the ground. Pkt. 5c, oz 15c, 2 oz 25c, $\frac{1}{2}$ lb 35c, lb \$1.20.

Early Argenteuill—A popular French variety of large size and excellent flavor; grows free from rust. Pkt. 5c, oz 15c, 2 oz 25c, $\frac{1}{2}$ lb 35c, lb \$1.20.

Connovers' Colossal—One of the largest and most popular sorts. Shoots bright green, sometimes tinged with purple at the top, very tender and of best quality. Pkt. 5c, oz 15c, 2 oz 25c, $\frac{1}{2}$ lb 35c, lb \$1.20.

Palmetto—Very early and productive, shoots very large, of deep green color and of excellent quality. Pkt. 5c, oz 15c, 2 oz 25c, $\frac{1}{2}$ lb 35c, lb \$1.20.

2 YEAR OLD ASPARAGUS ROOTS

Columbian Mammoth White.....	} 25, 50c; 50, 80c; 100, \$1 50
Palmetto.....	
Connovers' Colossal.....	

Asparagus Culture, by F. M. Hexamer. Price 50c.

BEANS

(Stocks very scarce)

Dwarf, Bush, Wax-Podded Varieties

CULTURE—Plant as soon as danger from frost is past, in light, warm soil, in drills about 2 feet apart, 3 inches apart in the drills, or in hills 3 to 4 feet apart. Avoid cultivating when wet with rain or dew, as this will injure the crop, but hoe often when dry. Plant every two weeks for succession. One quart will plant 200 hills, or a drill of 100 feet.

SIMMERS' EARLY GIANT WAX—This is really one of the most valuable varieties for either private or market garden purposes. It is earlier than either the black or Golden Wax sorts, and has a peculiar value in the fact that it is always exempt from rust. The pods are of a very large size, often from 6 to 9 inches long; exceedingly succulent and tender when full grown. It is a very productive variety. Per large pkt 10c, $\frac{1}{2}$ lb. 25c, lb 40c.

Davis' Kidney Wax—A hardy and productive Bean, with a large handsome pod containing pure white kidney-shaped beans and producing a third more pods than most other varieties. Price, large pkt. 10c, $\frac{1}{2}$ lb. 25c, lb. 40c.

Dwarf Brittle Wax—The long, handsome, pulpy pods of this most prolific variety are entirely stringless, of a rich yellow color and exceptionally fine quality. The earliest of all Wax Beans. Large pkt. 10c, $\frac{1}{2}$ lb. 30c, lb. 50c.

Hodson Wax—Plants of vigorous growth and very productive, pods long, of creamy white color and stringless, usually free from blight and rust. The greatest yielder of all Wax Beans. Pkt 10c, $\frac{1}{2}$ lb 25c, lb 40c.

Pencil-Pod Black Wax—Plants of true bush growth, about fifteen inches high, extremely productive, magnificent straight pods six to seven inches long, light golden yellow in color, beautiful rounded, meaty, and deeply saddle-backed; flesh brittle, solid, entirely stringless, and of fine mild flavor. Large pkt 10c, $\frac{1}{2}$ lb 30c, lb 50c.

Improved Golden Wax—A medium early and very prolific variety, of vigorous growth, practically rustless. The pods are golden yellow, fleshy brittle and stringless, with a rich buttery flavor. An excellent sort for either home or market garden. Per large pkt. 10c, $\frac{1}{2}$ lb. 25c, lb. 40c.

Wardwell's Kidney Wax—One of the very best Wax Beans, bearing long pods of a delicate waxy yellow, entirely stringless and brittle, fine buttery flavor, heavy yielder. Per large pkt. 10c, $\frac{1}{2}$ lb. 30c, pt. 50c.

Early Black-Seeded Wax—Almost stringless yellow pods, thick, very tender and delicious, a standard variety. Large pkg. 10c, $\frac{1}{2}$ lb. 25c, lb. 40c.



Wardwell's Kidney Wax Bean

BEANS GREEN PODDED BUSH VARIETIES

Simmers' Canadian Wonder

SIMMERS' CANADIAN WONDER—It is a giant among green podded varieties, forming a large robust plant, with long, thick, flat pods, frequently measuring from 9 to 10 inches in length by three-quarters of an inch in width and one-half inch thick. The largest and most handsome green pod bean of strictly bush form. Per large pkt. 10c, $\frac{1}{2}$ lb. 20c, lb. 35c.

Simmers' Stringless Green-Pod—Extremely early, hardy and productive. Pods are round and straight, about five inches long, tender, brittle and entirely stringless. Per large pkt. 10c, $\frac{1}{2}$ lb. 30c, lb. 50c.

Taber's I.X.L.—The nearest to a stringless green-pod bush Bean in cultivation, with beautiful straight, green pods, full and fleshy. Plants of medium growth, pods 9 to 10 inches long, light green in color, flesh tender and of the best quality very early. Per large pkt. 10c, $\frac{1}{2}$ lb. 20c, lb. 35c.

Long Yellow or Six Weeks—Early, hardy and most prolific. Per large pkt. 10c, $\frac{1}{2}$ lb. 20c, lb. 35c.

Refugee or One Thousand to One—Solid podded, excellent and prolific. Much used for canning. Per large pkt. 10c, $\frac{1}{2}$ lb. 20c, lb. 35c.

Extra Early Red Valentine, (Round Podded)—The earliest green-podded Bush Bean in cultivation. The pods are round, meaty, crisp and tender. An excellent sort for either home or market garden. Per large pkt. 10c, $\frac{1}{2}$ lb. 20c, lb. 35c.

Large White Marrowfat—Extensively grown for sale as a dry bean for winter use. Excellent either when green in pods or dry. Per large pkt. 10c, $\frac{1}{2}$ lb. 20c, lb. 35c.

White Kidney or Royal Dwarf—A superior variety for baking; is excellent when green in pods. Per large pkt. 10c, $\frac{1}{2}$ lb. 20c, lb. 35c.

BEANS ENGLISH OR BROAD VARIETIES

(50 lbs per bu.)

CULTURE—The English Broad Beans are very hardy, and should be planted as early in the spring as the ground can be worked, in rows 2 feet apart, about 5 inches apart in the row, and covered 2 inches deep.

Broad Windsor—Large, one of the best, ripens well, very prolific. Per large pkt. 10c, $\frac{1}{2}$ lb. 30c, lb. 50c.

Early Masagan—The earliest, very hardy, and bears freely, best adapted to our climate. Per large pkt. 10c, $\frac{1}{2}$ lb. 30c, lb. 50c.

BUSH LIMA BEANS

Burpee's Improved Bush Lima—Earliest, largest and best of all large Limas, vigorous grower, pods of very large size, the beans being thin-skinned and of delicious flavor. Per large pkt. 10c, $\frac{1}{2}$ lb. 25c, lb. 40c.

Fordhook Bush Lima—An immense cropper and fully as early as Burpee's Bush Lima. Pods and Beans are very large, the latter being of excellent quality when cooked in a green state. Per large pkt. 10c, $\frac{1}{2}$ lb. 25c, lb. 40c.

Henderson's Bush Lima—It grows in compact bush form, about 18 inches high, and is very early. Per large pkt. 10c, $\frac{1}{2}$ lb. 25c, lb. 40c.

French Chou Brocoli **BROCCOLI** German Spargel-Kohl

CULTURE—Same as Cauliflower.

Walcheren White—It bears large compact heads of a creamy white color and of good flavor. Pkt 5c, or \$1.00, 2 or \$1.80, $\frac{1}{2}$ lb \$3.50.



Pole Beans

POLE BEANS

Pole beans, being tender, ought not to be planted until the ground is dry and warm. A well-manured sandy loam suits them best. Plant in hills 4 feet apart, 6 to 8 beans in a hill, eyes downward, afterwards thin to 3 plants in a hill. Set poles—8 to 10 feet long—before planting seed.

Early Golden Cluster Wax—The pods are tender, 6 to 8 inches long, borne profusely in clusters of 3 to 6, and are of a beautiful golden yellow color. They snap easily, are stringless and delicious. Per large pkt. 10c, $\frac{1}{2}$ lb. 25c, lb. 40c.

Indian Chief or Black Wax—Yellow pods, very tender and sweet, thick and fleshy. Per large pkt. 10c, $\frac{1}{2}$ lb. 25c, lb. 40c.

Lazy Wife—Large pale green pods, very thick meated, stringless, rich, tender and buttery, ripens early, splendid either as a snap or shell bean. Per large pkt. 10c, $\frac{1}{2}$ lb. 25c, lb. 40c.

Early Dutch Case Knife—Very productive, excellent whether used green or shelled dry. Pods medium green. Per large pkt. 10c, $\frac{1}{2}$ lb. 25c, lb. 40c.

Kentucky Wonder or Old Homestead—A very prolific sort, producing its long light green pods in large clusters. The pods, when young, are nearly round, of best flavor. Per large pkt. 10c, $\frac{1}{2}$ lb. 25c, lb. 40c.

Scarlet Runner—A favorite sort, cultivated for the beauty of its flowers, as well as for table use, grows 9 to 10 feet high, dazzling scarlet flowers. Per large pkt. 10c, $\frac{1}{2}$ lb. 25c, lb. 40c.

Giant White Runner—A white seeded variety of Scarlet Runner, but earlier and more prolific. Per large pkt. 10c, $\frac{1}{2}$ lb. 25c, lb. 40c.

Improved Large Lima—Universally grown for private use. Very early and tender. Per large pkt. 10c, $\frac{1}{2}$ lb. 25c, lb. 40c.

BORECOLE or KALE

French—Chou Vert.

German—Blaetter Kohl.

CULTURE—Borecole or Kale may be grown in almost any soil, but the richer it is the more abundant the product. Sow from the middle of April to the beginning of May, in prepared beds, covering the seed thinly and evenly, transplant in June and treat in the same manner as cabbage. The varieties are all extremely hardy, and are best when touched by frost.

Dwarf Green Curled Scotch—Very hardy, one of the best. Pkt 10c, or 20c, 2 or 40c, $\frac{1}{2}$ lb 75c.

Dwarf Green Curled German—Leaves yellowish-green, very compact and beautifully curled. Pkt 10c, or 20c, 2 or 40c, $\frac{1}{2}$ lb 75c.

Tall Green Curled Scotch—About 30 inches tall, with an abundance of dark green leaves, which are densely curled. Pkt 10c, or 30c, 2 or 55c, $\frac{1}{2}$ lb \$1.00.

BEETS

French—Betterave.

German—Runkle Rube.

(One ounce will sow 100 feet of drill.)

CULTURE—The soil best suited to the Beet is a deep, light and rich, sandy loam. For early Beets the seed should be sown about the middle of April, or as soon as the ground is in good working condition, in drills, 12 to 15 inches apart, and thinned to 4 to 6 inches apart in the drills. For winter crops the first of June is the right time. Cover 1 inch deep.



Early Dark Red Flat Egyptian Beet



Detroit Dark Red Turnip Beet



Half Long Dark Blood Red Beet



Simmers' Extra Early Beet

SIMMERS' EXTRA EARLY—In shape it is almost round. The color is dark crimson. The constancy of color in every bulb largely enhances its value. It is extremely early. The flesh of delicate texture, is rich sugary, and entirely free from fibre. Price, pkt 5c, oz 25c, 2 oz 45c, $\frac{1}{2}$ lb 80c, lb \$2.80.

Early Eclipse—Remarkable for its rapid growth, extreme smallness of tops and extra fine quality. Perfectly smooth and round, skin and flesh intense red, very fine grained and sweet, an excellent sort. Pkt 5c, oz 20c, 2 oz 40c, $\frac{1}{2}$ lb 70c, lb \$2.50.

Crosby's Egyptian—Extremely early, and may be grown either out of doors or under glass, the young beets in either case being fit for use at an early stage of their growth. It is thicker through than the Flat Egyptian, is of rich vermilion color, very sweet and tender. Pkt 5c, oz 20c, 2 oz 40c, $\frac{1}{2}$ lb 70c, lb \$2.50.

Crimson Globe—The root is of medium size, of very handsome globe shape, and has a remarkably smooth surface. Both the skin and flesh are deep, rich red, fine grained, sweet and tender in all stages of growth. Pkt 5c, oz 20c, 2 oz 40c, $\frac{1}{2}$ lb 70c, lb \$2.50.

Detroit Dark Red Turnip—The tops are small, roots turnip shape with small tap roots, color deep red, of the very best quality. Gardeners can safely plant it largely. Pkt 5c, oz 20c, 2 oz 40c, $\frac{1}{2}$ lb 70c, lb \$2.50.

Early Dark Red Flat Egyptian—One of the earliest dark red Beets in cultivation; its color is of a fine dark red, and its shape is that of an early flat white turnip; it never fails to give satisfaction. See illustration. Pkt 5c, oz 20c, 2 oz 40c, $\frac{1}{2}$ lb 70c, lb \$2.50.

Early Blood Turnip—Good for summer or winter, flesh dark red color, a standard round variety with small top, very tender. Pkt 5c, oz 20c, 2 oz 40c, $\frac{1}{2}$ lb 70c, lb \$2.50.

Edmand's Early—The roots are handsome and round, very smooth, with a single tap root, of good marketable size, and for table use no variety can excel it in fine quality. Pkt 5c, oz 20c, 2 oz 40c, $\frac{1}{2}$ lb 70c, lb \$2.50.

Half Long Dark Blood Red—One of the best for winter and spring use. Roots are very smooth and uniform in shape, of a deep rich red color, very sweet and tender. Pkt 5c, oz 20c, 2 oz 40c, $\frac{1}{2}$ lb 70c, lb \$2.50.

Extra Long Smooth Deep Blood Red—A very popular kind for late use; keeps well. Pkt 5c, oz 20c, 2 oz 40c, $\frac{1}{2}$ lb 70c, lb \$2.50.

Dell's Black or Crimson Leaved Beet—Both useful and ornamental, as it is extensively used for ribboning in flower borders, on account of its extremely striking foliage, having a deep, dark metallic lustre. Pkt 5c, oz 25c, 2 oz 45c, $\frac{1}{2}$ lb 80c, lb \$2.80.

Swiss Chard "Lucullus"—Much superior to the old type of Swiss Chard, the leaves being much larger, more crisp and tender, and of finer flavor. Pkt 5c, oz 25c, 2 oz 45c, $\frac{1}{2}$ lb 80c, lb \$2.80.

Silver Beet or Swiss Chard—Sometimes called Asparagus Beet; a variety with beautiful and tender leaves, used for Spinach. The mid rib is used and served as asparagus. Pkt 5c, oz 20c, 2 oz 40c, $\frac{1}{2}$ lb 70c, lb \$2.50.



Swiss Chard or Silver Beet

French
Chou de Bruxelles

BRUSSELS SPROUTS

German
Kopfkohl Gruener

CULTURE—The seeds should be sown in March or April in the hotbed or in the open ground when the weather permits. When the plants are three inches high they should be transplanted and cultivated the same as cabbages or cauliflowers.

Large Tail French (Dalkeith)—A very fine variety; the sprouts are large and solid and of luscious flavor. Pkt 5c, oz 30c, 2 oz 60c, $\frac{1}{2}$ lb \$1.10, lb \$4.00.

Improved Dwarf—A standard variety, producing compact sprouts of excellent quality; it seldom fails to produce sprouts, and is a good keeper. Pkt 5c, oz 30c, 2 oz 60c, $\frac{1}{2}$ lb \$1.10, lb \$4.00.

French—Chou Cabus German—Kopf Kohl
(One ounce will produce about 3,000 plants)

CABBAGE

CULTURE—See "Simmers' Vegetable Garden," 50 pages (price 25c), free with orders of \$1.00 and over when asked for with order.

EARLY VARIETIES

SIMMERS' PREMIER—A valuable acquisition, being a round, flat-headed cabbage as early as Wakefield and one-third more productive. It is of the Early Summer type, heads a trifle smaller, very solid, with few small outside leaves, enabling it to be planted very close; very uniform in shape and size, finely bred, and free from any rankness of flavor. Pkt 10c, oz 30c, 2 oz 60c, $\frac{1}{2}$ lb \$1.10, lb \$4.00.

Early Spring—Flat-headed variety as early as Jersey Wakefield. Pkt 10c, oz 30c, 2 oz 60c, $\frac{1}{2}$ lb \$1.10, lb \$4.00.

Glory of Enkhuizen—Very early. Large white, compact, fine grained heads, few outside leaves, a very desirable one of the newer varieties. Pkt 10c, oz 30c, 2 oz 60c, $\frac{1}{2}$ lb \$1.10, lb \$4.00.

Burpee's All Head Early—This is the earliest of all large cabbages, being at least a week earlier than any of the various strains of early Summer Cabbage. Pkt 10c, oz 30c, 2 oz 60c, $\frac{1}{2}$ lb \$1.10, lb \$4.00.

Extra Early Express—From 8 to 10 days earlier than the Early Etampes, which it resembles in shape, though smaller. Heads pointed. It has few outside leaves, and can be planted close. For a very quick forcing sort, try it. Pkt 10c, oz 40c, 2 oz 70c, $\frac{1}{2}$ lb \$1.30, lb \$4.80.

Henderson's Early Summer—A standard early variety much used by market gardeners, heads large, solid and nearly globe shaped, rarely or never burst when fully matured. Pkt 10c, oz 30c, 2 oz 60c, $\frac{1}{2}$ lb \$1.10, lb \$4.00.



Jersey Wakefield Cabbage

Extra Early Etampes—A very early sort, producing medium-sized heads very sharply pointed. It grows quickly, is mild flavored, and for a private garden is a valuable sort. Pkt 10c, oz 40c, 2 oz 70c, $\frac{1}{2}$ lb \$1.30, lb \$4.00.

Selected Early Jersey Wakefield—The earliest and surest heading variety grown. Heads of medium size, uniformly pointed, very solid and of excellent quality. Pkt 10c, oz 30c, 2 oz 60c, $\frac{1}{2}$ lb \$1.10, lb \$4.00.

Early Win-nigstadt—

Heads of medium size, pointed, very solid and of good quality; a sure header and splendid keeper. Pkt 10c, oz 30c, 2 oz 60c, $\frac{1}{2}$ lb \$1.10, lb \$4.00.



Simmers' Early Brunswick Cabbage
(Best for general crop.)

SECOND EARLY VARIETIES

SIMMERS' EARLY BRUNSWICK—A second early variety, solid large, light green flat heads, most commendable to market gardeners and others, large as Henderson's, and nearly as early, stem remarkably small and short, every plant sure to head. Pkt 10c, oz 30c, 2 oz 60c, $\frac{1}{2}$ lb \$1.10, lb \$4.00.

Henderson's Succession—Handsome, large and sure header. The Succession is about one week later than the Early Summer, but is double its size. Pkt 10c, oz 30c, 2 oz 60c, $\frac{1}{2}$ lb \$1.10, lb \$4.00.

All Seasons—This is a superior variety to plant for late as well as for early crop, the thickness of the head making it a capital variety to keep through winter. Heads large and solid, not liable to burst after heading. Pkt 10c, oz 30c, 2 oz 60c, $\frac{1}{2}$ lb \$1.10, lb \$4.00.

	Pkt.	oz.	2 oz.	$\frac{1}{2}$ lb.	lb.
Early French Oxheart.....	10c	30c	60c	\$1 10	\$4 00
Fottler's Improved Brunswick.....	10	30	60	1 10	4 00
Early Dwarf Flat Dutch.....	10	30	60	1 10	4 00

LATE VARIETIES

Danish Ball Head (Tall Stemmed)—The most popular of all late varieties. Heads round, 8 to 10 inches in diameter and very solid, with few outer leaves. Its unequalled keeping and shipping qualities make it particularly desirable for market purposes. Pkt 10c, oz 40c, 2 oz 70c, $\frac{1}{2}$ lb \$1.30, lb \$4.80.

Danish Roundhead (Short Stemmed)—This is an earlier and shorter stemmed type of the popular Danish Ball Head. Pkt 10c, oz 40c, 2 oz 70c, $\frac{1}{2}$ lb \$1.30, lb \$4.80.

Surehead—One of the surest headers and best main crop cabbages. The heads are round, flat on top, hard, and with few outside or loose leaves. Market gardeners will find it a most valuable sort. Pkt 10c, oz 30c, 2 oz 60c, $\frac{1}{2}$ lb \$1.10, lb \$4.00.

Autumn King—The Autumn King is one of the best keepers we have ever seen; it produces large solid heads of dark green, and has such small outer leaves that it can be planted much closer together than the ordinary late sorts. Pkt 10c, oz 30c, 2 oz 60c, $\frac{1}{2}$ lb \$1.10, lb \$4.00.

Late Marblehead Mammoth—The largest known sort, solid, tender and free heading winter variety, and with good culture average 30 lbs per head. Pkt 10c, oz 30c, 2 oz 60c, $\frac{1}{2}$ lb \$1.10, lb \$4.00.

	Pkt.	oz.	2 oz.	$\frac{1}{2}$ lb.	lb.
Late Large Drumhead.....	10	30	60	\$1 10	\$4 00
Late Premium Flat Dutch.....	10	30	60	1 10	4 00



(Simmers' Perfection Drumhead Savoy Cabbage

SAVOY CABBAGE

SIMMERS' PERFECTION DRUMHEAD SAVOY—Heads large and very finely curled, short stem and compact grower, an excellent keeper. Partakes of the size of the Drumhead, with the curled leaves and fine flavor of the Savoy. Far superior to the ordinary imported Drumhead Savoy. Pkt 10c, oz 30c, 2 oz 60c, $\frac{1}{2}$ lb \$1.10, lb \$4.00.

Improved Large American Drumhead—Of excellent flavor, compact grower and excellent keeper. Pkt 10c, oz 30c, 2 oz 60c, $\frac{1}{2}$ lb \$1.10, lb \$4.00.

Largest French Drumhead—(Vertus)—Large, solid, and a good keeping variety. Pkt 10c, oz 30c, 2 oz 60c, $\frac{1}{2}$ lb \$1.10, lb \$4.00.

RED CABBAGE

Extra Early Red Dutch Erfurt—Of a very dark blood-red color. Pkt 10c, oz 30c, 2 oz 60c, $\frac{1}{2}$ lb \$1.10, lb \$4.00.

Zenith—Medium early, dark red, very fine ribbed, unsurpassed by any other variety. Pkt 10c, oz 30c, 2 oz 60c, $\frac{1}{2}$ lb \$1.10, lb \$4.00.

Large Late Deep Red-Dutch Drumhead—Solid, deep blood-red heads. Pkt 10c, oz 30c, 2 oz 60c, $\frac{1}{2}$ lb \$1.10, lb \$4.00.

Mammoth Red Rock—Selected strain of late red cabbage, heads will average 12 lbs each. Pkt 10c, oz 35c, 2 oz 70c, $\frac{1}{2}$ lb \$1.30, lb \$4.80.



Mammoth Red Rock Cabbage

CARROTS

All our Carrot seed is French grown

(One ounce of seed will sow 100 feet of drill. Four pounds required for one acre)

CULTURE—See "Simmers' Vegetable Garden," 50 pages (price 25c) free with orders of \$1.00 and over, when asked for with order.

Improved Scarlet Intermediate (Stump Rooted)—An excellent main crop variety, very uniform in shape and bright orange-scarlet color. Roots a little longer than Danvers, tapering abruptly, with pointed root. Pkt 5c, oz 30c, 2 oz 55c, $\frac{1}{4}$ lb \$1.00, lb \$3.60.

Ox-Heart or Half Long Guerande (Stump Rooted)—Intermediate between the half-long and horn varieties, attaining a diameter of three to four inches at the neck, and of most beautiful shape and rich orange color. It is of extra fine quality, and very productive. Pkt 5c, oz 30c, 2 oz 55c, $\frac{1}{4}$ lb \$1.00, lb \$3.60.

Chantenay, Half Long Scarlet or Model—An early main crop variety most popular with market gardeners. The roots grow about six inches long, are stump rooted, very smooth, deep red, fine grained, sweet and sugary, and are not apt to crack open while growing. An excellent table sort, and a heavy cropper. Our seed is most carefully selected. Pkt 5c, oz 30c, 2 oz 55c, $\frac{1}{4}$ lb \$1.00, lb \$3.60.



Chantenay Half Long Scarlet Carrot

Improved Danvers Half-Long—It is of rich orange color, a very heavy yielder and splendid keeper. Roots grow six to eight inches long, tapering uniformly to a blunt point. It is a first-class Carrot for all kinds of soils, valuable both for table use and for stock. We have an extra fine strain of this favorite sort, which we have sold for many years, giving the greatest satisfaction to our customers. Pkt 5c, oz 30c, 2 oz 55c, $\frac{1}{4}$ lb \$1.00, lb \$3.60.

Early Scarlet English Horn or Half-Long—Very fine and sweet, pointed rooted. Pkt 5c, oz 30c, 2 oz 55c, $\frac{1}{4}$ lb \$1.00, lb \$3.60.

Early Very Short Scarlet or Golden Ball—(French forcing.) The best variety for early forcing. Roots are of reddish-orange color, nearly round, very sweet and tender; ready for use in about five weeks after sowing. Pkt 10c, oz 35c, 2 oz 65c, $\frac{1}{4}$ lb \$1.20, lb \$4.00.



Improved Scarlet Intermediate Carrot

those who have grown it much better in quality than any other variety. Pkt 5c, oz 20c, $\frac{1}{4}$ lb 50c, lb \$1.80.

For other Field Varieties of Carrots see Agricultural Seeds further on.

CRESS OR PEPPER GRASS

(One ounce will sow about fifteen square feet.)

CULTURE—Sow thickly in shallow drills, very early in spring, and every two weeks through the season; give occasional waterings. Two ounces will sow ten square feet three times. Use as salad before the flowers appear. Transplant the Water Cress, when well rooted, to the banks of a running stream.



Extra Curled Cress

Vulgaris—Grown as Spinach and used exactly as Water Cress, which it so much resembles in taste that the difference is scarcely discernible, and its use should become more general, as it is of easy culture, and earlier, and can be grown easily for two years without resowing. Pkt 5c, oz 25c, 2 oz 40c, $\frac{1}{4}$ lb 70c.

True Water—A well-known hardy perennial aquatic plant, grown abundantly along the margin of running streams. Pkt 10c, oz 40c, 2 oz 75c, $\frac{1}{4}$ lb \$1.25.

Extra Curled—Standard sort, very fine for salads, may be cut two or three times. Pkt 5c, oz 10c, $\frac{1}{4}$ lb 20c, lb 60c.

Broad Leaved—A large leaved variety, fine, piquant flavor. Pkt 5c, oz 10c, 2 oz 20c, $\frac{1}{4}$ lb 30c, lb \$1.00.

Upland (Barbarea

Vulgaris)

Grown as Spinach and used exactly as Water Cress, which it so much resembles in taste that the difference is scarcely discernible, and its use should become more general, as it is of easy culture, and earlier, and can be grown easily for two years without resowing. Pkt 5c, oz 25c, 2 oz 40c, $\frac{1}{4}$ lb 70c.

True Water—A well-known hardy perennial aquatic plant, grown abundantly along the margin of running streams. Pkt 10c, oz 40c, 2 oz 75c, $\frac{1}{4}$ lb \$1.25.

Extra Curled—Standard sort, very fine for salads, may be cut two or three times. Pkt 5c, oz 10c, $\frac{1}{4}$ lb 20c, lb 60c.

Broad Leaved—A large leaved variety, fine, piquant flavor. Pkt 5c, oz 10c, 2 oz 20c, $\frac{1}{4}$ lb 30c, lb \$1.00.

Upland (Barbarea

Vulgaris)

Grown as Spinach and used exactly as Water Cress, which it so much resembles in taste that the difference is scarcely discernible, and its use should become more general, as it is of easy culture, and earlier, and can be grown easily for two years without resowing. Pkt 5c, oz 25c, 2 oz 40c, $\frac{1}{4}$ lb 70c.



Oxheart or Half-Long Guerande Carrot

Intermediate between the half-long and horn varieties, attaining a diameter of three to four inches at the neck, and of most beautiful shape and rich orange color. It is of extra fine quality, and very productive. Pkt 5c, oz 30c, 2 oz 55c, $\frac{1}{4}$ lb \$1.00, lb \$3.60.



Improved Danvers Half Long Carrot

CARDOON

The mid ribs of this vegetable are used while in a tender state, similar to Asparagus and the young leaves in the form of Spinach. Sow early in May, in rows 2½ feet apart, and thin the plants out to 2 feet in the row. When the plants have attained their full size, bind them together with matting or twine and earth them up like celery to blanch.

Large Spanish—Pkt 5c, oz 30c, 2 oz 50c, $\frac{1}{4}$ lb \$1, lb \$3.00.

CORN SALAD

(Lamb's Lettuce or Feticus)

CULTURE—Sow about September or very early in spring, in drills, half an inch deep and six inches apart, in rich ground. As the plants are for cutting when young, the seed may be sown pretty thin. Before the cold weather sets in protect with clean straw. It is cut during the winter and early spring for salads, and is most excellent as such.

Broad Leaved—Pkt 5c, oz 15c, 2 oz 25c, $\frac{1}{4}$ lb 40c, lb \$1.50.

CHIVES

Chives are perfectly hardy little perennial members of the onion tribe, and are grown exclusively for their tops, which are used wherever the flavor of onion is required. Planted in small clumps in any common garden soil they will grow readily and in time increase so as to render a division necessary. The tops appear very early in spring and can be shorn throughout the season, hence this valuable little plant should have a place in every garden.

Seed of the above, pkt 10c. oz 50c. Roots per bunch 25c.



Chives

CAULIFLOWER

French—Choufleur. German—Blumen Kohl.

One ounce of seed will produce about 3,000 plants.
For plants of Cauliflower, Cabbage, etc., see page 29.

CULTURE—with a deep rich soil and an abundance of moisture, which in dry seasons must be applied artificially, Cauliflower can be grown well. Frequent and vigorous hoeing and a liberal supply of rich liquid manure, to keep up a continuous and rapid growth, will produce splendid heads of the most delicate flavor. It facilitates blanching if the leaves are gathered loosely together and tied over the top of the head. Sow the seed the same as cabbage.

SIMMERS' GILT EDGE—We confidently recommend this as the finest Cauliflower in the world; and it is so pronounced by all growers who have had it. It is of very dwarf erect habit, with short outer leaves, every plant forming a large, solid, perfect head of remarkably pure white color, of the finest table quality. It is a sure header, either for early or late sowing, and can be left longer in the field without decaying than any other sort. It matures immediately after "Snowball," but is a heavier sort. $\frac{1}{2}$ pkt 15c, pkt 25c, $\frac{1}{4}$ oz \$1.00, $\frac{1}{2}$ oz \$1.80, oz \$3.50, 2 oz \$6.75, $\frac{1}{4}$ lb \$13.00.



Simmers' Selected Early Dwarf Erfurt Cauliflower

Early Snowball—We know of no better type of this variety—very early, smoothly rounded heads, fine grained, compact, even in size. This variety, while at first early, is better adapted generally to fall use than the large late sorts commonly used for that purpose. All we want is that our customers try it. The habit of the plant is close growing, and compact, and plants can be set closely together, from 18 to 21 inches. Customers have found it, by careful tests, fully equal to the best Cauliflower which they have ever grown. Pkt 20c, $\frac{1}{4}$ oz 90c, $\frac{1}{2}$ oz \$1.75, oz \$3.25, 2 oz \$6.00, $\frac{1}{4}$ lb \$11.00.

SIMMERS' EXTRA SELECTED EARLY DWARF ERFURT—One of the earliest in cultivation; small leaved, dwarf, suitable for forcing or open ground, producing very solid pure white heads of the finest quality. It grows about fifteen inches high, and in ordinary seasons every plant will produce a marketable head. For an all round market gardeners' variety, we consider this the best for general outside use. Pkt 20c, $\frac{1}{4}$ oz 90c, $\frac{1}{2}$ oz \$1.75, oz \$3.25, 2 oz \$6.00, $\frac{1}{4}$ lb \$11.00.

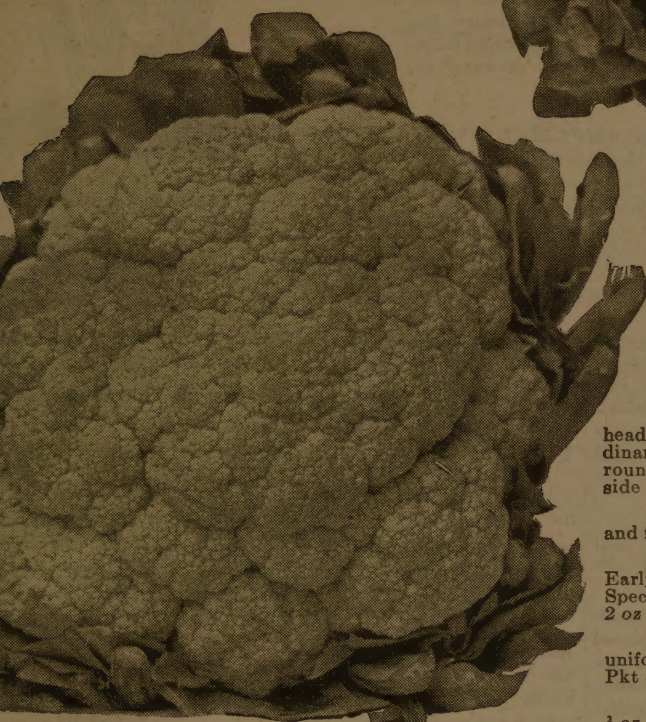
Demi-Dur or Half Early Paris—A hardy variety, quite easy to grow and forming good heads. Pkt 10c, $\frac{1}{4}$ oz 90c, oz \$1.50, 2 oz \$2.75, $\frac{1}{4}$ lb \$5.00.

Dry Weather—A distinct strain from Denmark, similar in growth to Early Erfurt. It produces equally large solid white heads, a little later. Specially adapted for dry locations. Pkt 20c, $\frac{1}{4}$ oz 90c, $\frac{1}{2}$ oz \$1.75, oz \$3.25, 2 oz \$4.50, $\frac{1}{4}$ lb \$3.00.

Large Late Le Normand—Short stemmed, produces very close and uniform head, well protected by the foliage, hardy, and stands dry weather. Pkt 5c, $\frac{1}{4}$ oz 65c, oz \$1.20, 2 oz \$2.25, $\frac{1}{4}$ lb \$4.00.

Large Late Algiers—An excellent favorite, late variety. Pkt 10c, $\frac{1}{4}$ oz 70c, oz \$1.30, 2 oz \$2.50, $\frac{1}{4}$ lb \$4.50.

Late Italian or Veitch's Autumn Giant—Attaining enormous dimensions; heads beautifully white, large, firm and compact. Pkt 5c, $\frac{1}{4}$ oz 50c, oz 90c, 2 oz \$1.70, $\frac{1}{4}$ lb \$3.00.



Simmers' "Gilt Edge" Cauliflower

CURLED CHERVIL

French—Cerfeuil.

German—Kerbel.

CULTURE—A very rich herb, similar in growth and flavor to Parsley and should not be wanting in any kitchen garden. It is sown and treated like Parsley, the directions for sowing which are under that head.

Pkt 5c, oz 15c, 2 oz 25c, $\frac{1}{4}$ lb 45c, lb \$1.50.

CHICORY

French—Chicoree.

German—Caffewurzel.

CULTURE—Same as carrots. **Large Rooted Magdeburgh**—Pkt 5c, oz 30c, 2 oz 55c, $\frac{1}{4}$ lb \$1.00, lb \$3.60.

ENDIVE

French—Chicoree.

German—Endivien.

CULTURE—For early use sow thinly in May, in drills one foot apart, and for a succession, every two or three weeks until midsummer. A rather moist situation in the garden is preferable. To blanch the leaves gather them carefully together when perfectly dry and tie near the top, and draw up the earth around the plants.

Broad Leaved Imperial Batavian—(Escarille)—It is chiefly used in soups. Per pkt 5c, oz 30c, 2 oz 50c, $\frac{1}{4}$ lb \$1.00, lb \$3.00.

Early Green or French Moss Curled—Very tender, hardy leaves dark green and crisp. Per pkt 5c, oz 30c, 2 oz 50c, $\frac{1}{4}$ lb \$1.00, lb \$3.00.

Early Snowball Cauliflower



CELERY

French—Celeri. German—Seller.

Buy the Book on Growing Celery
"CELERY CULTURE"

by W. R. Beattie

Price 50c.

For Celery plants see page 29.

One ounce will sow a bed of nine square yards, and produce about 4,000 plants.—Seed should be sown in boxes or in hot beds in March for early use and in April for late use. When plants are large enough they should be transplanted into trenches about 10 inches deep and 15 inches wide, into the bottom of which has been worked 4 or 5 inches of well-rotted manure. As the plants grow the earth should be kept drawn up around them, to keep the stalks from spreading. Give plenty of water at all times.

SIMMERS' IMPERIAL—When fully grown the outer stalks average two inches wide and are nearly as thick as a man's finger. The immense stalks can be sliced lengthwise, and are always very crisp and brittle, snapping like glass. After growing to a great size it lends itself readily to the blanching process, assuming a rich yellow tinge in the heart, and presenting a very attractive appearance. Pkt 10c, oz 45c, 2 oz 80c, $\frac{1}{2}$ lb \$1.50.



Paris Golden Yellow or Self-Blanching

Paris Golden Yellow or Self-Blanching (Original French strain)—This variety is now the leading sort in all markets as an early Celery. It is ready for use nearly as early as White Plume, producing dwarfier and much larger bunches of broad, heavy stalks, blanching to a deep golden yellow. The handsome color, crispness, tenderness, freedom from stringiness, and nutty flavor of this variety makes it only necessary to be tried in order to establish it as the standard of excellence as an early sort. Pkt 10c, $\frac{1}{2}$ oz 80c., oz \$1.50, 2 oz \$2.75.

Paris Golden Yellow or Self-Blanching—American grown seed grown direct from the French. Pkt 10c, $\frac{1}{2}$ oz 40c, oz 80c, 2 oz \$1.50.

Rose Ribbed Paris Golden Self-Blanching—The general color similar to Golden Self-Blanching except that the naturally golden-colored stocks are suffused with a warm rosy hue, which gradually fades towards the top of the stalks, where it assumes a bright golden color. Pkt 10c, oz 50c, 2 oz 90c, $\frac{1}{2}$ lb \$1.70.

SIMMERS' SPECIAL DWARF WHITE WINTER

—Solid, crisp, of excellent flavor, one of the best white varieties. The past season has again proved this celery to be the best adapted for the home or market on account of its dwarf habit, walnut flavor and keeping qualities. Pkt 10c, oz 45c, 2 oz 80c, $\frac{1}{2}$ lb \$1.50.

White Plume (Early)—Requires no banking up to blanch; highly recommended to all who wish to procure a first class Celery for early use. Pkt 5c, oz 35c, 2 oz 60c, $\frac{1}{2}$ lb \$1.20.

"Pink Plume"—Similar to White Plume, except that the stalks are delicately marked with pink. It also has the rich, nutty flavor of the red celeries. Pkt 5c, oz 40c, 2 oz 80c, $\frac{1}{2}$ lb \$1.50.



Giant Pascal Celery

SIMMERS' LARGE RIBBED DWARF WHITE—Perfectly distinct and of a beautiful cream-white color; attains a very large size, is quick of growth, stiff, close habit, the outer ribs standing straight and perfect; a very solid, crisp-eating and delicious variety, keeping well until spring. Pkt 5c, oz 40c, 2 oz 70c, $\frac{1}{2}$ lb \$1.25, lb \$4.00.

Giant Pascal—Vigorous, compact, productive variety, one of the best for Autumn and Winter use. Stalks short, broad, very thick, crisp and tender, blanching readily to a yellowish white color. Pkt 5c, oz 25c, 2 oz 45c, $\frac{1}{2}$ lb 80c.

Giant Golden-Hearted Dwarf

An excellent dwarf white variety, with fine nutty flavor, growing to a large size and keeping well all winter. Pkt 5c, oz 25c, 2 oz 45c, $\frac{1}{2}$ lb 80c.

White Solid—Grows 16 to 20 inches high, with fleshy, solid, tender stalks, of fine nutty flavor. Blanches yellowish white. Pkt 5c, oz 25c, 2 oz 45c, $\frac{1}{2}$ lb 80c.

Incomparable Dwarf Crimson—Keeps well, and is of a fine, nutty flavor. Pkt 5c, oz 40c, 2 oz 70c, $\frac{1}{2}$ lb \$1.25.

Turnip - Rooted Erfurt Giant, or Celeriac—Pkt 5c, oz 30c, 2 oz 55c, $\frac{1}{2}$ lb \$1.00.

Flavoring Celery—Oz 10c, $\frac{1}{2}$ lb 25c, lb 80c.



Simmers' Special Dwarf White Winter Celery, the best in cultivation for market gardeners and private gardens.



Simmers' Imperial Celery



Stowell's Evergreen Corn

SWEET CORN FOR TABLE USE

Stocks very scarce owing to an unusually severe frost which caught the corn just in a critical stage. Many of our crops were seriously injured and the germination will not be as good as usual. We therefore recommend planting thicker to avoid short crops.

One pound will plant about 100 hills; one peck, one acre in hills

EARLY VARIETIES

SIMMERS' FIRST OF ALL—Earliest of all, of dwarf habit and of superior quality, very sweet and tender. Ears about six inches long, eight rowed. Large pkt 10c, $\frac{1}{2}$ lb 20c, lb 30c.

Premo—Very early and the ears are much larger than those of other early varieties. The stalks are very vigorous, generally bearing two well developed ears to the stalk. It is quite hardy, so much so that it can be planted quite early. Large pkt 10c, $\frac{1}{2}$ lb 20c, lb 30c.

Golden Bantam—An extremely early variety with golden yellow kernels, of exceptionally fine flavor. Ears are eight rowed, six to seven inches long, and usually two on a stalk. Height 4 to 5 ft. Large pkt 10c, $\frac{1}{2}$ lb 25c, lb 40c.

Mammoth White Cory—This strain is nearly as early as the original Cory, while the ears are of larger size. The cobs are white and the ears retain the pearly whiteness of the grains when cooked. Height 4 ft. Large pkt. 10c, $\frac{1}{2}$ lb 20c, lb 30c.

Kendel's Early Giant—The ears grow to a very large size, eight to nine inches long, twelve rowed. Kernels pure white, sweet and tender. Height 5 ft. Large pkt 10c, $\frac{1}{2}$ lb 20c, lb 30c.

Early Red Cory—Very sweet and of rich flavor; desirable for private or market gardens. Ears are six inches long, eight rowed. Extra early. Large pkt 10c, $\frac{1}{2}$ lb 20c, lb 30c.

Early White Cory—A selection of the Cory, of the same character in all respects, except that it has a white cob and kernels. Large pkt 10c, $\frac{1}{2}$ lb 20c, lb 30c.

Early Minnesota—One of the best early varieties, and of good quality. Ears about eight inches long, eight rowed. Height 6 ft. Large pkt 10c, $\frac{1}{2}$ lb 20c, lb 30c.

Early Crosby—One of the largest early, rich sugary flavor, very productive. Ears five to six inches long, fourteen rowed. Height 4 $\frac{1}{2}$ ft. Large pkt 10c, $\frac{1}{2}$ lb 20c, lb 30c.

Black Mexican—A black-grained variety, sweet and tender. Must be cooked young to avoid blackening when cooked. Ears about eight inches long, eight rowed. Height 6 $\frac{1}{2}$ ft. Large pkt 10c, $\frac{1}{2}$ lb 20c, lb 30c.

MEDIUM EARLY VARIETIES

Improved No Plus Ultra (Country Gentleman)—Sweet and tender and most productive, the stalks averaging three ears, sometimes as many as five; kernels and cobs are pure white. Large pkt 10c, $\frac{1}{2}$ lb 25c, lb 40c.

Perry's Hybrid—Second early, with large ears, white, deliciously sweet and tender. Ears about eight inches long, twelve or fourteen rowed. Height 6 ft. Our stock is selected. Large pkt 10c, $\frac{1}{2}$ lb 20c, lb 30c.

LATE VARIETIES

Stowell's Evergreen—The best late sweet corn in every way, being hardy and productive, sweet and tender, and remaining a long time in condition suitable for cooking; there is no other late Sweet Corn which can compare with it. Ears are seven to eight inches long, fourteen to twenty rowed. Our seed is most carefully selected for depth of kernels, size of ears and freedom from flint and glaze, and we know that it will give entire satisfaction. Height 7 ft. Large pkt 10c, $\frac{1}{2}$ lb 25c, lb 40c.

Monarch or Early Evergreen—This distinct new strain possesses the characteristics which have made Stowell's Evergreen so deservedly the favorite for main crop, but produces ears fit to use from one week to ten days earlier; while about one-third smaller, the ears are of typical Stowell's type and of the same fine quality. Large pkt 10c, $\frac{1}{2}$ lb 25c, lb 40c.

Mammoth Sweet—An excellent variety, producing unusually large and perfect ears. Large pkt 10c, $\frac{1}{2}$ lb 20c, lb 30c.

POP CORN

Pearl—Smooth grained ears. Pkt 5c, lb or pt 20c, 5 lbs 90c, 10 lbs \$1.50.

White Rice—A very early, fine white variety, with pointed kernel. Pkt 5c, lb 20c, 5 lbs 90c, 10 lbs \$1.50.

DANDELION

French—Dent-de-Lion.

German—Loewenzahn.

Dandelion is fast becoming the favorite spring green on the market.

Thick-Leaved—An improvement on the common sort, the leaves being double the size. Pkt 10c, oz 80c, 2 oz \$1.50.

EGG PLANT

(One ounce will produce 1,000 plants.)

CULTURE—Sow in a hot-bed for early crops, or very early in the spring in shallow drills in a warm, sheltered, dry situation, in the open ground and protect by hand glasses. Transplant when warm weather comes, into well-enriched ground 12 inches apart and 20 inches from row to row. The fruit when ripe is sliced, well spiced and fried.

The New York Improved Large Purple Spineless—Very productive, fruits large, of good color, and entirely spineless. Pkt 10c, oz 70c.

Black Beauty—From 10 to 12 days earlier than the above. Fruits are of good size, attractive, purplish-black color, and good flavor. Pkt. 10c, oz. 70c.

Long Purple—Very hardy, early and productive. Pkt 10c, oz 70c.

Early Purple Dwarf—About three to five weeks earlier than any other variety. Pkt 10c, oz 70c.



Egg Plant, New York Improved Spineless

French—Concombre.
German—Gurken.

CUCUMBER

(One ounce will plant
fifty hills; two pounds
will plant one acre.)

CULTURE—See Simmers' "VEGETABLE GARDEN,"

50 pages (price 25c)

free with orders of \$1.00 and over, when asked for
with order.

SIMMERS' IMPROVED EXTRA EARLY WHITE SPINE—This private strain of Extra Early White Spine is, beyond a doubt, the most thoroughbred, uniform and shapely variety known. We recommend it not only for first early but for general crop. It excels in earliness, often being ready for slicing when other sorts are only picklers. The vines are vigorous growers. It is an excellent variety for slicing and makes a choice pickle; straight and smooth; a great bearer, keeps green much longer than other varieties and no sort excels it in crispness and fine flavor. Selected seed. Pkt 5c, oz. 15c, 2 oz 25c, $\frac{1}{2}$ lb. 40c, lb \$1.50.

Davis' Perfect—Specially selected for length, slimness and dark green color; vigorous grower and prolific yielder, valuable for frame culture. Pkt 5c, oz 15c, 2 oz 25c, $\frac{1}{2}$ lb 40c, lb \$1.50.

Fordhook Famous—The finest flavored of all,—the hand-somest and best long green cucumber, of the true White Spine type. Vines produce an enormous crop, being of unusually vigorous growth. It is perfectly smooth, and very dark green, the fruits measuring 12 to 18 inches long; they are always straight, never turn yellow, and are extra solid. The flesh is white, firm, crisp, and of delicious flavor. Pkt 5c, oz 15c, 2 oz 25c, $\frac{1}{2}$ lb 40c, lb \$1.50.

SIMMERS' IMPROVED LONG GREEN—The best for general crop. Vines are vigorous and productive; fruits are very long (often twelve inches), slender and of uniformly dark green color. It is an excellent sort for slicing and equally good for pickling. Pkt 5c, oz 15c, 2 oz 25c, $\frac{1}{2}$ lb 40c, lb \$1.50.

ENGLISH VARIETIES

For Hotbeds and Greenhouses

Rochford's Market—Medium length, color rich green, a grand market variety. Pkt 20c, $\frac{1}{2}$ oz \$2.50.

Tender and True—Grows 24 to 30 inches long, of handsome dark green color, excellent quality. Pkt 20c, $\frac{1}{2}$ oz \$2.50.

Marquis of Lorne—A highly esteemed variety of handsome form and fine flavor, 24 to 30 inches long. Pkt 20c, $\frac{1}{2}$ oz \$2.50.

Rollison's Telegraph—Very prolific, early, crisp, and of superior quality. Pkt 20c, $\frac{1}{2}$ oz \$2.50.

Mixture—Of the foregoing English sorts. Highly recommended for forcing or outdoors. Pkt 10c, $\frac{1}{2}$ oz \$1.50.



Westerfield Chicago Pickling



Simmers' Improved Extra Early White Spine Cucumber



Simmers' Improved Long Green Cucumber

Westerfield Chicago Pickling—An exceedingly prolific variety, and one of the best for pickling. The fruits are of medium size, deep green color, pointed at ends, with large and prominent spines. Vines set fruit when quite young and continue to bear for a longer period than most other varieties. Pkt 5c, oz 15c, 2 oz 25c, $\frac{1}{2}$ lb 40c, lb \$1.50.

Paris Pickling—The young cucumbers when of the proper age for pickling, are slender, and from three to five inches in length. When ready for pickling they show absolutely no sign of seeds, and are of an unusually dark green color. Pkt 5c, oz 20c, 2 oz 35c, $\frac{1}{2}$ lb 60c, lb \$2.00.

White Wonder—About eight inches long, the skin is thin, while the pearly white flesh is exquisitely fine in quality; quite brittle, and remains solid for a long time. Pkt 5c, oz 15c, 2 oz 25c, $\frac{1}{2}$ lb 40c, lb \$1.50.

The Cumberland Pickle—One of the best varieties for pickling, and also excellent for slicing. It is of the White Spine type, is very hardy, a strong, rapid grower and enormously prolific. The flesh is firm, very crisp and tender at all stages. Pkt 5c, oz 15c, 2 oz 25c, $\frac{1}{2}$ lb 40c, lb \$1.50.

Japanese Climbing—Grows quickly on poles or trellis, thus taking up little space in the garden. Fruits are 12 to 16 inches long, of rich, dark green color; flesh white, crisp and of good flavor, especially good for slicing and salads. Pkt 5c, oz 15c, 2 oz 25c, $\frac{1}{2}$ lb 40c, lb \$1.50.

Livingston's Evergreen—A very strong grower, extra early and of best flavor, bearing firm, crisp fruits, fine either for pickling or slicing. Pkt 5c, oz 15c, 2 oz 25c, $\frac{1}{2}$ lb 40c, lb \$1.50.

Nichol's Medium Green—As a pickle for early forcing purposes or for slicing there is no better variety. It is exceedingly productive, of medium size, always straight and smooth. The color is dark green, the flesh tender and crisp. Pkt 5c, oz 15c, 2 oz 25c, $\frac{1}{2}$ lb 40c, lb \$1.50.

	Pkt	oz	2 oz	$\frac{1}{2}$ lb	lb
Early Frame.....	5	15	25	40	\$1 50
Early Cluster.....	5	15	25	40	1 50
Boston Pickling or Green Prolific.....	5	15	25	40	1 50
Early Russian or Moromian Gherkin.....	5	15	25	40	1 50



Rollison's Telegraph Cucumber

French—Ail.

GARLIC

German—Knoblauch.

Used for flavoring soups, stews and other dishes. Garlic thrives best in a light, well-enriched soil; the sets should be planted in early spring in rows one foot apart, and from one to five inches in the rows.

Garlic Sets—Per oz 5c, $\frac{1}{2}$ lb 15c, lb 40c, 5 lbs \$1.75, carriage extra.

GOURDS

Japanese Nest Egg—These exactly resemble in color, shape and size the eggs of hens, making a capital nest egg, which are superior to glass eggs, as they do not crack or break and are uninjured by cold or wet. As the plant is a very rapid growing climber it is very useful for covering screens, etc. Pkt 5c, oz 25c.

Dipper—Named for its resemblance to a dipper. The capacity varies from a pint to a quart, with handles 6 to 12 inches long. They are convenient for dipping hot liquids, etc. Pkt 5c, oz 25c.

Luffa or Dish Rag—A native of the East Indies, and in its nature has furnished us with the vegetable dish-cloth, the seeds being enveloped in sponge-like cloth, which is tough, elastic and durable. Pkt 5c, oz 25c.

Sugar Trough—Very useful for baskets, dishes, buckets, etc. They have hard, thick shells, lasting for years, and capable of holding from 2 to 10 gallons each. Pkt 5c, oz 25c.

Ornamental Pomegranate—Pkt 5c, 6 for 25c.

Mixture—A collection of the most ornamental, including all the above. Pkt 10c, 3 pkts 25c, 7 pkts 50c.



French
Laitue.**LETTUCE**German
Lattich Salat.

(One ounce will sow 150 feet of drill.)

CULTURE—Lettuce requires a good soil in order to obtain the crispness, juiciness and delicate flavor for which it is so much esteemed. Several sowings are requisite during the season. The first may be made in a hotbed in February. A sowing may be made in the open ground as soon as it can be worked, after this every two weeks until July if a constant succession is required. Sow thinly, in drills or broadcast, quarter of an inch deep, and transplant a foot apart in the richest soil. Hoe frequently and in dry weather water plentifully.

SIMMERS' NONPAREIL—It is a beautiful light yellowish green color, and of superior even quality. It has the peculiarity of forming a solid head, even before half grown. Its uniform, handsome and even growth is unequalled by any other lettuce. It is the shyest seeder and slowest to shoot to seed of any lettuce we have ever grown. It is decidedly the best and easiest grown of all lettuce for both the family and market gardener. Pkt 5c, oz 20c, 2 oz 35c, $\frac{1}{2}$ lb 50c, lb \$1.80.

Giant Glacier—An excellent summer variety withstanding heat and drought to an unusual degree. It produces fine solid heads twelve inches in diameter, with large light green outer leaves which fold closely; the interior is white, crisp and tender. Pkt 5c, oz 20c, 2 oz 35c, $\frac{1}{2}$ lb 50c, lb \$1.60.

Wonderful—It is a very large head variety, excellent for furnishing fine, crisp, well-blanching lettuce during the hot summer months. The heads are large, tightly folded, and the inner leaves blanched to a pure white. Pkt 5c, oz 15c, 2 oz 25c, $\frac{1}{2}$ lb 40c, lb \$1.50.

Grand Rapids—The best variety for forcing, of rapid growth, upright habit, forming loose clusters of large bright green leaves, finely crimped at edges. An excellent shipping variety, as the leaves will keep for some time without wilting. Pkt 5c, oz 20c, 2 oz 35c, $\frac{1}{2}$ lb 50c, lb \$1.80.

Hanson—Producing heads of a remarkable size, tender and crisp, beautiful green without and white within, heads sometimes weighing 2 $\frac{1}{2}$ to 3 lbs. Pkt 5c, oz 20c, 2 oz 35c, $\frac{1}{2}$ lb 50c, lb \$1.50.

Count Zeppelin—An excellent Cabbage Lettuce which stands heat and drought remarkably well. The heads large and well turned in. In color it is a dark green with brown edge, the inside being of a clear light yellow. Pkt 5c, oz 20c, 2 oz 30c, $\frac{1}{2}$ lb 50c.

The Gardeners' Favorite—One of the best heading varieties, suitable either for forcing or outdoor cultivation. Heads large and solid. Pkt 5c, oz 20c, 2 oz 35c, $\frac{1}{2}$ lb 50c, lb \$1.50.

Toronto Market—Heads large, very solid and of good flavor. Color yellowish green and suitable for forcing and open air cultivation. Pkt 5c, oz 20c, 2 oz 35c, $\frac{1}{2}$ lb 50c, lb \$1.60.

**Hanson Cabbage Lettuce**

Early Curled Simpson—(White Seeded)—A very popular bunching sort for early market. Leaves are light green, slightly frilled, crisp, sweet and tender. Pkt 5c, oz 20c, 2 oz 35c, $\frac{1}{2}$ lb 50c, lb \$1.50.

Unrivalled or Improved Big Boston Cabbage Lettuce

Iceberg—A standard summer cabbage-heading variety of the very best quality, crisp and sweet. Outer leaves are light green, slightly tinged with brown on the edges. Pkt 5c, oz 20c, 2 oz 35c, $\frac{1}{2}$ lb 50c, lb \$1.50.

Black Seeded Simpson—Forms large, loose heads of thin and exceedingly tender golden yellow leaves. It stands the summer heat splendidly. Pkt 5c, oz 20c, 2 oz 35c, $\frac{1}{2}$ lb 50c, lb \$1.50.

Green Curled Silesian—A very ornamental and most beautiful variety, of a very delicate shade of green, with the inner part of the leaves white; the edges are beautifully out and fringed. Pkt 5c, oz 20c, 2 oz 35c, $\frac{1}{2}$ lb 50c, lb \$1.50.

Giant Glacier Lettuce

Trianon Cos Celery	Pkt	oz	2 oz	$\frac{1}{2}$ lb	lb
Paris White Cos					
Paris Green Cos					
Tennis Ball or Boston Market (White seeded)	5c,	20c,	35c,	50c,	\$1.50
Drumhead or Maltese					
Victoria Red-Edged					

French—Chou Rabe.

KOHL RABI

German—Kohl Rabi.

A vegetable intermediate between the Cabbage and the Turnip. It is rather difficult to transplant, and it is generally preferable to sow the whole crop from seed and thin out where it stands to 8 inches in the row.

Early White Vienna—Flesh white and tender, best market sort, excellent for table use. Pkt 5c, oz 25c, 2 oz 45c, $\frac{1}{2}$ lb 80c, lb \$3.00.

Early Purple Vienna—Similar to the preceding except in color. Pkt 5c, oz 25c, 2 oz 45c, $\frac{1}{2}$ lb 80c, lb \$3.00.

French—Poireau.

LEEK

German—Lauch.

One ounce will sow a drill about 100 feet.

Large Scotch or Broad Leaved Flag—Pkt 5c, oz 25c, 2 oz 45c, $\frac{1}{2}$ lb 80c, lb \$3.00.
Large Musselburgh or Monstrous Carentan—Pkt 5c, oz 25c, 2 oz 45c, $\frac{1}{2}$ lb 80c, lb \$3.00.

CULTURE—See Simmers' "Vegetable Garden," 50 pages (price 25c) free with orders of \$1.00 and over, when asked for with order.

**Simmers' Nonpareil Cabbage Lettuce****Unrivalled or Improved Big Boston Cabbage Lettuce**

Iceberg—A standard summer cabbage-heading variety of the very best quality, crisp and sweet. Outer leaves are light green, slightly tinged with brown on the edges. Pkt 5c, oz 20c, 2 oz 35c, $\frac{1}{2}$ lb 50c, lb \$1.50.

Black Seeded Simpson—Forms large, loose heads of thin and exceedingly tender golden yellow leaves. It stands the summer heat splendidly. Pkt 5c, oz 20c, 2 oz 35c, $\frac{1}{2}$ lb 50c, lb \$1.50.

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French—Poireau.

LEEK

German—Lauch.

One ounce will sow a drill about 100 feet.

Large Scotch or Broad Leaved Flag—Pkt 5c, oz 25c, 2 oz 45c, $\frac{1}{2}$ lb 80c, lb \$3.00.
Large Musselburgh or Monstrous Carentan—Pkt 5c, oz 25c, 2 oz 45c, $\frac{1}{2}$ lb 80c, lb \$3.00.

CULTURE—See Simmers' "Vegetable Garden," 50 pages (price 25c) free with orders of \$1.00 and over, when asked for with order.

**Kohl Rabi****LEEK**

French—Melon.
German—Melonen.

MUSK MELONS

(One Ounce will plant
about Fifty Hills).

CULTURE—Melons thrive best in a light, rich soil. Plant early in May, when the ground has become warm and dry, in hills 6 feet apart each way for Muskmelons, 8 feet for Watermelons. Previous to sowing the seed mix a few shovelfuls of well-rotted manure in each hill, and plant in each 12 to 15 seeds; after all danger of bugs is over thin out to three plants per hill. When about one foot long pinch off the tops to make them branch, as it strengthens the growth of the vines and makes the fruit mature earlier. Be careful not to plant pumpkins or squashes near them as they will hybridize. A few hills for early use may be had by sowing on pieces of sod in a hot bed and when warm enough transplant to open ground.

SIMMERS' DOMINION GREEN FLESH

The fruit is nearly round, flattened at the ends, deeply and very regularly ribbed; skin green, densely netted; flesh remarkably thick, light green, melting and of a delicious flavor. They are very regular in shape, and uniformly grow to a large size. To all who wish to grow the handsomest possible melons for exhibition, or extra large fine melons for market

Pkt 10c, oz 40c, 2 oz



Burrell's Gem Musk Melon

we highly recommend the Dominion Green Flesh. Pkt 5c, oz 20c, 2 oz 30c, 1 lb 50c, lb \$1.50.

Burrell's Gem—Fruits of good size, sloping rather sharply at ends, flesh of a deep orange salmon color, very sweet and tender, ripening close to skin, leaving only a thin rind. Pkt 5c, oz 20c, 2 oz 30c, 1 lb 50c, lb \$1.50.

Paul Rose, or Petosky—In this sort we have a melon that will give perfect satisfaction to all growers, both for market and home garden. It is a cross between the Osage and the Netted Gem, combining the sweetness of the former with the fine gray netting of the latter, making it a handsome Melon. The fruit averages about five inches in diameter, and is oval in form. The flesh is thick and firm, a deep salmon or orange color, most delicious and appetizing. Pkt 5c, oz 20c, 2 oz 30c, 1 lb 50c, lb \$1.50.



Emerald Gem Musk Melon

Miller's Cream or Osage—A remarkably good variety of large size and delicious flavor, flesh rich salmon, very thick and solid. Pkt 5c, oz 20c, 2 oz 30c, 1 lb 50c, lb \$1.50.



Simmers' Dominion Green Flesh

Princess—Nearly round in shape, heavily netted dark green skin. The flesh is of a rich salmon color, thicker than in any other melon and in flavor is sweet and luscious beyond description. They ripen early, grow to a good size, frequently weighing from 8 to 10 pounds each; vines often produce 6 to 8 perfect melons. Pkt 5c, oz 20c, 2 oz 30c, 1 lb 50c, lb \$1.50.

Skillman's Fine Netted—A good early kind, green flesh and luscious flavor. Pkt 5c, oz 20c, 2 oz 30c, 1 lb 50c, lb \$1.50.

Emerald Gem—This variety is of rich, delicious flavor and fine quality. Distinct, very early and prolific; skin ribbed, yet smooth, and of a deep emerald green, with a few lighter-colored stripes. The flesh is thick, of a suffused salmon color. Specially recommended to those who wish a highly flavored fruit. Pkt 5c, oz 20c, 2 oz 30c, 1 lb 50c, lb \$1.50.

Montreal Green Nutmeg—A beautiful, round netted deep-ribbed variety, luscious and sweet, ripening freely under ordinary care, and fruit of enormous size, sometimes weighing from 30 to 40 pounds. Pkt 5c, oz 20c, 2 oz 30c, 1 lb 50c, lb \$1.50.

Rocky Ford, or Extra Early Netted Gem—Oval strain, one of the earliest, best and most prolific small melons. Oval shape, uniform in size, flesh light green, of very fine flavor, a popular variety with market gardeners, as it is very uniform and an excellent shipper. Pkt 5c, oz 20c, 2 oz 30c, 1 lb 50c, lb \$1.50.

Irondequoit—Of all the varieties of Musk Melon that have ever been introduced none has acquired such popularity or been so generally admired as the IRONDEQUOIT. When in season it holds the market to the exclusion of all others; and gardeners, truckers, home-growers, and buyers unanimously pronounce it the finest in appearance, best-flavored, and for all purposes the peer of Muskmelons. In form it is nearly round, slightly flattened at the ends, and is of good size. Its fine netted skin, yellow when ready for picking, with its beautiful dark orange-colored flesh, added to its rich, rare, and spicy flavor, at once places the IRONDEQUOIT far in advance of all others. Pkt 5c, oz 20c, 2 oz 30c, 1 lb 50c, lb \$1.50.



Montreal Green Nutmeg Musk Melon

Early Hackensack—A green variety, growing to a large size, very productive, and of exquisite flavor. Pkt 5c, oz 20c, 2 oz 30c, 1 lb 50c, lb \$1.50.



Early Hackensack Musk Melon

Early Yellow Cantaloupe—Very fine flavor, oval shape, flesh reddish orange, an early and productive variety. Pkt 5c, oz 20c, 2 oz 30c, 1 lb 50c, lb \$1.50.

Mango Melon—(Vegetable Peach, Vine Peach)—The fruit is about the size of a large peach or orange, oval shaped, and of a bright orange-yellow color, somewhat russeted outside, flesh is snow-white. For sweet pickle, spiced or preserving they are superb. Pkt 5c, oz 20c, 2 oz 30c, 1 lb 50c, lb \$1.50.

CITRON

Citron—(Red seeded)—For preserves; striped and marbled light green, flesh white and solid. Pkt 5c, oz 15c, 2 oz 25c, 1 lb 40c, lb \$1.50.

Colorado Preserving—green seeded—Most prolific, flesh firm and solid, large size, preserving qualities the best. Pkt 5c, oz 15c, 2 oz 25c, 1 lb 40c, lb \$1.50.

Garden Lemon

Resembles the Vegetable Peach in growth and shape of fruit, but is distinct in that the unripe fruit is striped with very dark green, almost black, while the Vegetable Peach is plain, and when ripe is not russeted. Pkt 5c, oz 20c, 2 oz 30c, 1 lb 50c, lb \$1.50.



Citron for Preserving

French—Melon d'eau.
German—Wasser Melone.

WATERMELONS

CULTURE—Same as Muskmelon. One ounce will plant about 30 hills.

Vick's Early—Oblong, smooth, rather small, flesh bright pink, solid, sweet and early. Pkt 5c, oz 15c, 2 oz 25c, $\frac{1}{4}$ lb 35c, lb \$1.20.

Cole's Early—Very hardy, a sure cropper, and extremely delicate in texture of flesh, which is of dark red color. Medium size, nearly round in shape, rind green, striped with lighter shades. Pkt 5c, oz 15c, 2 oz 25c, $\frac{1}{4}$ lb 35c, lb \$1.20.

Hungarian Honey—Very luscious, of good size, round and productive, skin medium dark green, flesh bright red. Pkt 5c, oz 15c, 2 oz 25c, $\frac{1}{4}$ lb 35c, lb \$1.20.

Ice Cream or Peerless—One of the best early sorts for the home garden. Vines are vigorous and productive; fruits of medium size and oval shape; flesh bright scarlet, solid, crisp and very sweet. Pkt 5c, oz 15c, 2 oz 25c, $\frac{1}{4}$ lb 35c, lb \$1.20.

Halbert Honey—Skin dark glossy green, flesh beautiful crimson, good sized fruit, 18 to 20 inches long, very productive. Pkt 5c, oz 15c, 2 oz 25c, $\frac{1}{4}$ lb 35c, lb \$1.20.

Kleckley's Sweet—Large oblong Melon, 20 inches in length by 10 to 12 inches in diameter, somewhat tapering at the ends. The skin is dark green, flesh bright scarlet, ripening close to the skin, the rind being only about one-half inch in thickness. The scarlet flesh is sweet and sugary, and is of such texture that it leaves no strings of pulp whatever in eating. Pkt 5c, oz 15c, 2 oz 25c, $\frac{1}{4}$ lb 35c, lb \$1.20.

Improved Long Dixie—The fruits are large, oblong in shape, from 20 inches to 2 feet in length; skin dark green with stripes of lighter shade; flesh bright red and of excellent quality. Pkt 5c, oz 15c, 2 oz 25c, $\frac{1}{4}$ lb 35c, lb \$1.20.

Cuban Queen—A large, oblong variety with beautifully striped skin; flesh bright red, solid, crisp and sugary. Pkt 5c, oz 15c, 2 oz 25c, $\frac{1}{4}$ lb 35c, lb \$1.20.

Black Spanish Early—A hardy and productive variety. Fruits large; slightly oblong; skin dark green, flesh dark red and of fine quality. Pkt 5c, oz 15c, 2 oz 25c, $\frac{1}{4}$ lb 35c, lb \$1.20.



Cole's Early Watermelon



Kleckley's Sweet Watermelon

French—Moutarde. **MUSTARD** German—Senf.
(One ounce will sow about 50 feet of drill.)

CULTURE—Sow rather thickly in rows in a hotbed as early as possible in the spring, or in the open ground in May. Repeat the sowing about every fortnight for a succession. It is cut and mixed with cress for salad when about two inches high.

White—For salad or medicinal purposes. Pkt 5c, oz 10c, $\frac{1}{4}$ lb 20c, lb 60c.

Brown—For seasoning, more pungent in flavor than the White. Pkt 5c, oz 10c, $\frac{1}{4}$ lb 20c, lb 60c.

Chinese Curled, or Southern Giant—Leaves twice the size of the ordinary White Mustard, stems more succulent, of deeper green, flavor pleasantly sweet and pungent. Pkt 5c, oz 15c, 2 oz 25c, $\frac{1}{4}$ lb 40c, lb \$1.50.

MARTYNIA

Martynia Proboscidea—The best variety for pickles. Sow in May or June, at least three feet apart. Pkt 5c, oz 30c, 2 oz 55c, $\frac{1}{4}$ lb \$1.00.

MUSHROOM SPAWN

French—Champignon. German—Champignonbrot.

Full and explicit instructions are obtained in our pamphlet "How to Grow Mushrooms Successfully," which we will mail for 10c, or free with orders for two bricks.

Imported English Spawn—Made up in large bricks, each 20c, 5 for 90c, per doz \$2.00, per 25 \$3.75. If to be sent by mail add 15c a brick for postage. A brick of spawn is sufficient for 6 square feet of bed.

Imported French Spawn—Loose, in boxes \$1.25 each, postpaid, \$1.75. By express, \$12.00 per dozen boxes. Carriage extra.

PURE CULTURE MUSHROOM SPAWN

(LAMBERTS)

An American make of spawn which produces mushrooms of large size and excellent quality. This is due to the fact that the spawn is obtained by a process of inoculation, only the best specimens of mushrooms being used for the purpose.

Put up in bricks weighing about $1\frac{1}{4}$ lbs.

Direct Bricks, (inoculated direct from pure culture,) 35c. each; 5 for \$1.60; 10 for \$3.00.

NASTURTIUM (Or Indian Cress).

(One ounce will sow about 30 feet of drill.)

CULTURE—Sow about the middle of May in the open ground, one inch deep, in patches; and train them to sticks. The seeds, when young and tender, are pickled as a substitute for capers, to which some prefer them. The leaves are eaten in salad, and are very tasty; are also used as a garnish.

Tall Mixed Nasturtium—Pkt 5c, oz 10c, 2 oz 20c, $\frac{1}{4}$ lb 30c, lb \$1.00.

Dwarf Mixed Nasturtium—Pkt 5c, oz 15c, 2 oz 25c, $\frac{1}{4}$ lb 35c, lb \$1.25.

French—Gombo **OKRA or GUMBO** German—Essbarer
(One ounce will plant 100 feet of drill.)

Long Pale Green—Long-ribbed pods, this variety generally succeeds the best of any. Pkt 5c, oz 15c, 2 oz 25c, $\frac{1}{4}$ lb 40c.

Dwarf Green—Earliest, with small, green, smooth pods. Pkt 5c, oz 15c, 2 oz 25c, $\frac{1}{4}$ lb 40c.



Mushrooms

New Virgin Mushroom Spawn (French)—This virgin spawn is characterized by its great vigor of growth, and being raised from spores of the best and healthiest Mushrooms, it does not contain any of the bacteria or other organisms which may be prevalent in spawn that has not been manufactured and sterilized by this new process. It therefore is not so liable to be attacked by disease, a consideration which alone possesses a high degree of interest and does away with one of the great drawbacks in Mushroom growing. It is sold in the form of compressed and sterilized manure slabs or tablets, thoroughly pervaded by the spawn and which are $1\frac{1}{2}$ inches thick and $2\frac{1}{2} \times 3\frac{1}{2}$ inches in surface. 15c tablet, postpaid, 20c; \$1.50 a dozen. If by mail add 25c a dozen.

French—Ognon.

ONION SEED

German—Zwiebel.

(One ounce will sow 100 feet of drill; 4 to 5 pounds per acre.)

CULTURE—Sow in a deep, rich, loamy soil, as soon as the ground can be worked in the spring, in drills 1 foot apart; thin to 3 or 4 inches, using the rake and hoe frequently to keep down weeds.

YELLOW VARIETIES

Large Yellow Globe Danvers—The standard variety for winter use, bulbs when full grown averaging two inches in diameter, and nearly globe shaped. The skin is light golden brown or pale yellow; flesh pure white, crisp and mild in flavor. The name "Globe," in this connection must be taken comparatively, as the **True Danvers Onion** is never so perfectly globe-shaped as the Southport Yellow Globe. All the perfectly globe-shaped varieties are later maturing than the **Yellow Globe Danvers**. Our strain of seed has been selected most carefully, and from careful trials we know it is unsurpassed by any other strain. Pkt 5c, oz 40c, 2 oz 75c, $\frac{1}{2}$ lb \$1.30, 1 lb \$4.80.

Large Yellow Flat Danvers—In quality and size equal to the preceding, but flat in shape. Pkt 5c, oz 35c, 2 oz 65c, $\frac{1}{2}$ lb \$1.25, 1 lb \$4.50.

Gigantic Gibraltar—Similar in size and form to Prizetaker, but better adapted to growing in warm, dry locations. It produces large bulbs from spring-sown seed. The skin is of a light straw color, flesh white, tender and mild. Pkt 10c, oz 45c, 2 oz 85c, $\frac{1}{2}$ lb \$1.60, 1 lb \$6.00.

Extra Early Yellow Cracker—It is the earliest of the yellow onion sorts of superior quality, and like the Extra Early Red is an excellent kind to raise where the seasons are short, and often profitable to the market gardener who brings the first ripe onions to the market. Pkt 5c, oz 35c, 2 oz 65c, $\frac{1}{2}$ lb \$1.25, 1 lb \$4.50.



Simmers' Large Yellow Globe Danvers Onion



Australian Brown Onion

Ailsa Craig (English Grown Seed)—Very handsome oval variety, with straw colored skin; seed sown in hotbed and transplanted grows very large. Pkt 15c, oz 80c, 2 oz \$1.50. $\frac{1}{2}$ lb \$2.75, 1 lb \$10.00.

Prizetaker—This is a large beautiful onion that is offered for sale in the fruit stores and in the markets of all large cities. They are of enormous size, averaging 14 to 16 inches in circumference. Although of such great size they are very hardy, and a very fair winter keeper. The outside skin is of a rich yellow color, while the flesh is white, sweet and tender. (See cut.) Pkt 10c, oz 45c, 2 oz 80c, $\frac{1}{2}$ lb \$1.60, 1 lb \$6.00.

Southport Yellow Globe—A large, handsome, globe-shaped variety, very productive, of mild flavor; an excellent keeper. Pkt 10c, oz 45c, 2 oz 85c, $\frac{1}{2}$ lb 1.60, 1 lb \$6.00.

Australian Brown—An extremely early variety, therefore splendidly suited for our northern cold sections. It somewhat resembles Globe Danvers in size and shape; the skin is a clear amber brown; flesh white, crisp, extremely solid, and of sweet, mild flavor. Pkt 5c, oz 35c, 2 oz 65c, $\frac{1}{2}$ lb \$1.25, 1 lb \$4.50.

RED VARIETIES

Large Red Wethersfield—The most profitable red onion for the market gardener, as it is the heaviest yielder, 600 to 800 bushels having frequently been harvested on a single acre from seed sown in spring. It is of good strong flavor, the best keeper and an excellent shipper. It grows to good size, single onions often weighing from 1 to 2 pounds. In short it is the best red onion for everybody. Pkt 5c, oz 35c, 2 oz 65c, $\frac{1}{2}$ lb \$1.25, 1 lb \$4.50.

Giant Red Prizetaker—This variety resembles Yellow Prizetaker except in its color, which is an extra rich deep red. It is a splendid keeper and can be grown to a very large size from spring sown seed. Pkt 10c, oz 40c, 2 oz 75c, $\frac{1}{2}$ lb \$1.30, 1 lb \$4.80.

Extra Early Red—Earlier than Wethersfield and somewhat smaller; close grained and a good keeper. Pkt 5c, oz 40c, 2 oz 75c, $\frac{1}{2}$ lb \$1.30, 1 lb \$4.80.

Southport Red Globe—Beautiful globe-shape, of medium size, a good keeper and of superior quality. Pkt 5c, oz 40c, 2 oz 75c, $\frac{1}{2}$ lb \$1.30, 1 lb \$4.80.

Giant Brown Rocca—Very large and globular, light brown skin and delicate flavor. Pkt 10c, oz 45c, 2 oz 85c, $\frac{1}{2}$ lb \$1.60, 1 lb \$6.00.

Mammoth Pompeii—This excellent Italian variety grows to an enormous size. Onions weighing from 4 to 5 pounds each have been grown of this variety. The skin is a delicate red and the flesh is close grained and nearly white. It has a very mild flavor. Pkt 10c, oz 45c, 2 oz 85c, $\frac{1}{2}$ lb \$1.60, 1 lb \$6.00.



Large Red Wethersfield Onion

Red Globe
Tripoli — Excellent quality.
Pkt 10c, oz 45c,
2 oz 85c, $\frac{1}{2}$ lb
\$1.60, 1 lb \$6.00.

Large Flat
Red Madeira—Large, deep red, mild flavor. Pkt 10c, oz 45c, 2 oz 85c, $\frac{1}{2}$ lb \$1.60, 1 lb \$6.00.

Welsh Red
—Pkt 5c, oz 35c,
2 oz 65c, $\frac{1}{2}$ lb
\$1.25, 1 lb \$4.50.



Southport Yellow Globe Onion

The "NEW ONION CULTURE"—T. Greiner. Price 50c postpaid.

If you use ONION SEED in large quantities, please state how much and let us quote you.

ONION SEED

LARGE WHITE VARIETIES

Southport White Globe — Handsome globular onion, of mild flavor, good keeper, one of the best. Pkt 10c, oz 50c, 2 oz 90c, ½ lb \$1.75, lb \$6.50.

Largest White Portugal — Mild flavor, good keeper, extensively grown for market. Pkt 10c, oz 45c, 2 oz 85c, ½ lb \$1.60, lb \$6.00.

White Victoria—Skin and flesh pure white, of sweet mild flavor. Bulbs globe-shaped. Pkt 10c, oz 45c, 2 oz 85c, ½ lb \$1.60, lb \$6.00.

Mammoth Silver King—The bulbs are of attractive form, flattened but thick through, often weighing from 2½ to 4 pounds each; the skin is a beautiful silvery white. Flesh is snowy white, and of a particularly mild and pleasant flavor, so sweet and tender that it can be eaten raw like an apple. Pkt 10c, oz 50c, 2 oz 90c, ½ lb \$1.75, lb \$6.50.

Flat White Tripoli or Mexican — Excellent quality. Pkt 10c, oz 50c, 2 oz 90c, ½ lb \$1.75, lb \$6.50.

Early White Welsh—This variety should be sown in July and early August; it is excellent for salads and flavoring; forms no bulb. Pkt 10c, oz 45c, 2 oz 85c, ½ lb \$1.60, lb \$6.00.

"Earliest of All" Bunching—From seed sown in the fall, fine onions may be had very early in spring, long before any other onions come into the market; The skin is pure white. Pkt 5c, oz 30c, 2 oz 55c, ½ lb \$1.10, lb \$4.00.

WHITE PICKLING VARIETIES

White Barletta—This variety is most distinct on account of its great earliness. It is of a beautiful waxy white color, with finely formed bulbs, flattened at top. Its earliness highly recommends its use as a substitute for Onion sets, and it is without a rival for pickles. Pkt 10c, oz 65c, 2 oz \$1.20, ½ lb \$2.00, lb \$7.00.

Small White Nocera—Very small and round, pure white. Pkt 10c, oz 65c, 2 oz \$1.20, ½ lb \$2.00, lb \$7.00.

Paris Silverskin—A handsome Onion of mild flavor, extensively grown for pickling. Pkt 10c, oz 65c, 2 oz \$1.20, ½ lb \$2.00, lb \$7.00.

White Queen—Remarkable for its extreme earliness and very mild flavor, it is small and white skinned, much liked for pickling. Pkt 10c, oz 65c, 2 oz \$1.20, ½ lb \$2.00, lb \$7.00.

ONION SETS

One quart of Dutch sets is needed for 40 feet of drill

Please remember that Onion sets are subject to fluctuations of the market, and the prices quoted below are those of the time when this Catalogue was published, and are not binding throughout the season. Lowest market price will be quoted on application.

One quart of Onion Sets is equivalent to about 1 lb. Please add sufficient to cover postage.

Yellow Onion Sets (Dutch Sets)—Per lb 30c, 5 lbs \$1.25, 10 lbs \$2.50.

White Onion Sets (Dutch Sets)—Per lb 30c, 5 lbs \$1.25, 10 lbs \$2.50.

English Potato Onion Sets—The real English multiplier. Lb 30c, 5 lbs \$1.25, 10 lbs \$2.50.

Shallots, or Multiplier Onion Sets — For early spring use. Lb 25c, 5 lbs \$1.20, 10 lbs \$2.40 at purchaser's expense.

Egyptian or Perennial Tree Onion—For fall delivery only. Grows for years without any protection or care, except to keep down weeds. It starts so early in the spring that it is ready for use long before any other onion can be had. It is mild flavored sweet and tender. Lb 20c, 5 lbs 70c, 10 lbs \$1.20.



White Barletta Onion



Small White Nocera Onion



"Prizetaker" Onion



White Portugal Onion



Paris Silverskin Onion for Pickling



Shallots or Multiplier Onion Sets



Flat White Tripoli Onion



Dutch Onion Sets



Hollow Crowned Parsnip

French—Panaïs.
German—Pastinake

PARSNIPS

One ounce will sow
about 150 feet of drill

CULTURE—Parsnips succeed best in a deep, free, rich soil; that having been heavily manured for previous crops, should be selected, and if manure must be used, let it be well decomposed. Sow in drills 15 to 18 inches apart, as early in the spring as possible, thin out, leaving 6 inches between them. The roots are hardy and are improved by frost, and it is usual to take up sufficient in the fall for winter use, leaving the rest in the ground until spring to be dug up as required.

Large Long Smooth Dutch Hollow Crowned—We believe this is the finest stock of parsnip that can be produced. The roots run of uniform size, and are smooth. The growing taste for this delicious vegetable will make this strain particularly desirable. (See cut). Pkt 5c, oz 20c, 2 oz 40c, ½ lb 80c, \$3.00 lb.

Improved Guernsey or Half Long—The roots do not grow so long as the Hollow Crown, but are of greater diameter and more easily gathered. The roots are very smooth, the flesh fine-grained, and of excellent quality. Pkt 5c, oz 20c, 2 oz 40c, ½ lb 80c, lb \$3.00.

Early Round (Turnip-Rooted)—A short variety, crown broad and rounded, somewhat hollow at the insertion of the leaves, very fine flavored. Pkt 5c, oz 20c, 2 oz 40c, ½ lb 80c, lb \$3.00.

French—Piment.
German—Pfeffer.

PEPPERS

One ounce will pro-
duce 1,000 plants

CULTURE—Peppers are sown as early as possible in spring, in a hotbed or warm room, one-quarter of an inch deep, and transplanted about the middle of May, in hills 18 inches apart each way, or in drills with plenty of rotten manure at the bottom. The soil must be rich and strong, and in the course of the summer an occasional watering with liquid manure will be beneficial.



Improved Bull Nose or Large Squash or Bell Pepper

Improved Bull Nose or Large Squash or Bell—Of mild flavor, favorite sort for pickling, and for use in the natural state. Pkt 10c, oz 60c.

Long Cayenne—Best for pickles, pods long, cone-shaped. Pkt 10c, oz 60c.

Long Red—Pods brilliant red, 2 to 4 inches in length. Pkt 10c, oz 50c.

Monstrous or Grossum—Remarkably large and irregular in shape, sweet and thick flesh. Color bright red. Pkt 10c, oz 60c.

Neapolitan—The earliest of all large peppers, and most productive. Bright red and very mild flavor. Pkt 10c, oz 60c.

Chinese Giant—They are of brilliant scarlet color, flesh mild and very thick. They are just hot enough to be pleasant. Each plant ripens from 8 to 12 perfect fruits, from 8 to 10 in. long by 3 in. thick. Pkt 10c, oz 60c.

Ruby King—Beautiful bright red, fruit very large and mild. Pkt 10c, oz 70c.

Celestial—A very ornamental variety, the color changing from white with purple stripes, first to yellow, and then to scarlet. Pods conical and grow upright. Pkt 10c, oz 50c.

Sweet Spanish—Fruit obtusely conical, often 4 inches in length, nearly 3 inches in diameter, glossy scarlet in maturity, the earliest of all, sweet, mild and pleasant. Pkt 10c, oz 60c.

Small Red Chili—Fruit very piquant and small, about 2 inches in length. Pkt 10c, oz 50c.

Mammoth Golden Queen or Mango—Beautiful golden-yellow color, very sweet, of dwarf growth, with very large fruit. Pkt 10c, oz 50c.



Long Red Pepper

French—Persil.
German—Petersilie.

PARSLEY

One ounce will sow
125 feet of drill.



Covent Garden, or Champion Moss Curled Parsley

Soak the seeds a few hours in warm water and sow very early in the spring, in drills 12 inches apart; thin out the plants to 6 inches apart. To have green during the winter remove plants into a box and place in a light cellar or cold frame.

Extra Triple Curled—Leaves finely cut and curled and of deep emerald green hue. Extra fine for garnishing and culinary purposes. Pkt 5c, oz 10c, 2 oz 20c, ½ lb 35c, lb \$1.20.

Covent Garden—or Champion Moss Curled—A perfectly curled variety. Pkt 5c, oz 10c, 2 oz 20c, ½ lb 35c, lb \$1.20.

French—Courge.
German—Kurbis.

PUMPKINS

One ounce will sow
about 20 hills

CULTURE—Seeds are saved from enormous specimens, and should be sown on hills with plenty of manure at bottom, in rather damp ground. Only 2 or 3 plants to each hill. Excellent for culinary and feeding purposes.

SIMMERS' MAMMOTH PRIZE—Flesh and skin bright golden yellow. Flesh fine grained, excellent quality. Notwithstanding its enormous size, it is one of the very best pie pumpkins ever grown, fine keeper. Pkt 10c, oz 25c, 2 oz 40c, ½ lb 75c.

Winter Luxury—This we recommend as one of the best pie pumpkins, an excellent keeper and enormously productive. It is finely netted and in color it is golden russet. Pkt 5c, oz 20c, 2 oz 35c, ½ lb 50c, lb \$1.80.

Small Sugar—Fruits average about ten inches in diameter, with deep orange-yellow skin. Flesh is very sweet, making it one of the best for pies. Pkt 5c, oz 20c, 2 oz 35c, ½ lb 50c, lb \$1.80.

Large Yellow Mammoth Cheese—Hardy, productive and superior in all respects to most of the field grown sorts, fine grained and excellent flavor, growing to an enormous size. Pkt 5c, oz 20c, 2 oz 35c, ½ lb 50c, lb \$1.80.

Japanese Pie—Flesh very thick, nearly solid, unusually fine grained, dry and sweet, resembling sweet potatoes in taste. It ripens early and keeps well. The seeds are very curiously marked. Pkt 5c, oz 20c, 2 oz 35c, ½ lb 50c, lb \$1.80.

Large Field—The kind so largely used for feeding stock. It is also an excellent sort for pies. Pkt 5c, oz 10c, 2 oz 20c, ½ lb 35c, lb \$1.20.

Jumbo—One of the largest varieties grown very attractive. Pkt 10c, oz 20c, 2 oz 35c, ½ lb 60c, lb \$2.00.

Jonathan—A crook-necked variety of large size, very prolific, smooth creamy-white skin, thick flesh of fine quality. Pkt 5c, oz 20c, 2 oz 35c, ½ lb 50c, lb \$1.80.



Simmers' Mammoth Prize Pumpkin

POTATOES

French—Pomme de Terre.

German—Kartoffel.

Prices on Potatoes are subject to Market Changes without Notice

(In drills 3 feet apart; 12 to 14 bushels to the acre. 1 peck will plant about 125 hills).

When Potatoes are ordered by the bushel, linen bags must be allowed for at the rate of 15c per bushel or bag, otherwise the amount will be deducted from the quantity ordered.



IRISH COBBLER

This variety has become immensely popular during the past few years, and we offer it this season with every assurance that our customers will fully appreciate its excellent qualities. It is almost as early as the Early Ohio and the yield is much superior. It is of fairly large size, almost round with flattened sides, white in color, making it a very attractive sort for the early market.

Price—lb 20c, 5 lbs 60c, peck \$1.00, bush \$3.00, bag \$4.50.

EARLY "SENSATION"

A Medium Early Handsome Potato. A Strong, Healthy Grower.

The finest in quality of all early potatoes, and of good size. The potatoes are roundish oblong in form, with a beautiful creamy, white skin, slightly suffused with pink, the eyes are shallow. The cooking qualities are all that can be desired. It is the best variety for truckers, as it ripens very evenly as well as early. The tops die down quickly as soon as the crop is matured, so that the potatoes may be dug early and the ground planted to a second crop. It has also been found practically blight-proof.

We have choice stock which we will supply as long as it lasts at the following low prices:

Price—lb. 20c, 5 lbs 60c, peck 1.00, bush \$3.50.

EXTRA EARLY "OHIO JUNIOR"

This variety is 2 weeks ahead of the old Early Rose, and is a special favorite with farmers and marketmen. The tubers grow compact in the hill, and very few small ones; few eyes. With heavy manuring, close planting (they can be planted almost a half closer than most other kinds on account of their upright growing tops), and good culture, a very large and profitable yield can be expected. This is our specialty in standard early varieties. We are confident that many do not know a true Early Ohio, having been deceived in the purchase of the seed.

Lb 20c, 5 lbs 60c, peck \$1.00, bush \$3.00, bag \$4.50.

POTATO MANURE

Ammonia 4 per cent.; phosphoric acid 6 per cent.; potash 2 per cent. A high grade manure prepared expressly for potatoes. Use from 400 to 800 lbs. per acre. Price per lb. 10c, 5 lbs. 40c, 10 lbs. 75c, 100 lbs. \$4.50, 200 lbs. \$8.00, ton \$70.00.

N. B.—We shall ship as early as is safe from the frost, but we will ship when requested any time customers wish to take their own risk. On late orders it will save time to state, in case supply of some kinds is exhausted, whether you wish us to return money or substitute other sorts of same value.

"A.B.C. of Potato Culture," by Terry. Price 50c

EARLY MARKET

Grows a rather spare upright top, matures its crop very quickly, and produces heavy yields of large, smooth potatoes, with few small ones. It is early and good in quality. The tubers have the peculiar specks characteristic of all the Ohio class.

Lb 20c, 5 lbs 60c, peck \$1.00, bush \$3.00, bag \$4.50.

EUREKA, EXTRA EARLY

An extra early variety producing fine large tubers, of a shortened oblong form, thick through, and with few eyes. The skin is very smooth and white, the flesh is firm and of good flavor. Although an extra early potato it is an excellent keeper.

Price—lb 20c, 5 lbs 60c, peck \$1.00, bush \$3.00, bag \$4.50.

THE "DELAWARE"

Delaware—Its cropping qualities are phenomenal, and we believe it to be one of the heaviest yielding Potatoes grown. Its productiveness is largely attributable to the uniform size of the potatoes, nearly all sizing up alike, none too large and few too small, but its crowning merit is its superb cooking quality, which will ultimately place *Delaware* on every table where quality in Potatoes is appreciated. Its handsome pure white, floury appearance attracts the attention of all. It is a medium late variety. The tubers are oval, with pure white russet skin, with very shallow eyes and handsome in appearance and perfect form. Lb. 20c, 5 lbs 60c, peck \$1.00, bush \$3.00, bag \$4.50.

GOLD COIN

Unequalled for Main Crop

The vines are strong, with exceptionally luxuriant deep green foliage, making a healthy growth when other varieties are cut down by blight. The tubers are of good size and lie closely together in the hill. In form the tubers are slightly oblong, rather broad and quite thick through. The eyes are small and there is but little waste in paring. The skin is thin, smooth, and glossy, of light golden tint, having just sufficient coloring to distinguish it from the white-skinned varieties. The flesh is fine-grained, of a pure pearly whiteness, and cooks to a dry floury whiteness. Price—lb 20c, 5 lbs 60c, peck \$1.00, bush \$3.00, bag \$4.50.

POTATO EYES

The eyes as put up by us are in as good condition for growing as if freshly cut from the potato, and will produce just as good a crop, hence everyone who has a garden can order at any time during the winter or early spring and save express or freight charges. We offer 4 varieties this season as follows:

25 Early Ohio Jr.....60c	25 Early Sensation.....60c
25 Irish Cobbler.....60c	25 Gold Coin.....60c

SPECIAL OFFER—25 eyes each of the above four varieties for \$2.25



Potato Seed Balls

SWEET POTATO PLANTS

Early Yellow Nansemond, doz 30c, 50 for 90c, 100 for \$1.50.

Not ready until early in June.

POTATOES FROM SEED

A single packet of Hybridized Potato Seed will produce many new varieties of Potatoes, every seed producing a distinct variety. The result will be not only interesting, but profitable. Every grower should plant one or more packets. Full directions on every packet. Per pkt, 25c.

"IRON AGE" POTATO IMPLEMENTS

Potato Planter. "Iron Age" Improved Robbins' Potato Planter with Fertilizer Distributor. Plows with shield or disc as ordered. Weight packed, 735 lbs. Price \$162.50.

"Iron Age" Potato Digger. No. 155. Price \$165.00.

French—Pois.

German—Erbsen.

PEAS

One Pound will plant about 50 feet of drill, from 2 to 3 bushels per acre.

CULTURE—See Simmers' "VEGETABLE GARDEN," 50 pages (price 25c.) free with orders of \$1.00 and over, when asked for with order.

We supply all varieties of Peas at 10c per small pkt.

EARLY VARIETIES

SIMMERS' FIRST OF ALL or Extra Early—Height two feet, produces pods of good size, which are well filled with round, smooth peas of splendid flavor. It is a prodigious bearer, and in this last feature and in its extreme earliness consists its great value to market gardeners and truckers. At the same time we know of no other variety that is more popular than Simmers' First of All in private gardens. Lb or pt 30c, 5 lbs \$1.40, 15 lbs \$4.20, 60 lbs \$16.80.

Little Marvel—The vines average fifteen inches in height and are heavily set with fine pods, frequently borne in pairs. The pods average two and one-half inches in length and are well filled with six to seven large, deep green peas. The peas are ready for use fully as early as American wonder or Nott's Excelsior, while the pods are larger and the vines produce a much heavier crop. Lb 35c, 5 lbs \$1.65, 15 lbs \$4.95, 60 lbs \$19.00.

Alaska—The earliest blue pea, very uniform in growth, the dark green color of the pods combined with its earliness, make it a most desirable extra early pea for market and private gardens. Height two feet. Lb or pt 30c, 5 lbs \$1.40, 15 lbs \$4.20, 60 lbs \$16.80.

McLean's Little Gem or Premium Gem—One foot, dwarf green wrinkled marrow, has all the sugary flavor of the late wrinkled peas, besides being very early. Needs no sticks. Lb or pt 30c, 5 lbs \$1.40, 15 lbs \$4.20, 60 lbs \$16.80.

Gradus or "Prosperity"—This is a large-podded marrow of the finest quality, maturing pods only two or three days later than the small-podded, round-seeded, extra earliest. The vine has heavy stems with large dark green leaves, and in rich soil grows three feet in height. It produces uniformly large pods measuring from four to four and a half inches in length, nearly round and well-filled with very large, handsome peas, which remain tender and sweet for some time. Lb or pt 35c, 5 lbs \$1.65, 15 lbs \$4.95, 60 lbs \$19.00.

Thos. Laxton—The growth of this variety is identical with that of Gradus, but the pods are a deeper, richer green, square at the end and even sweeter and finer in flavor than the Gradus. It is generally three or four days later than Gradus. Pt 35c, 5 lbs \$1.65, 15 lbs \$4.95, 60 lbs \$19.00.

Nott's Excelsior—Robust and vigorous in growth, producing in profusion long handsome pods, square at the end like American Wonder, closely packed with large green, wrinkled peas of fine flavor. Height 12 inches. Lb or pt 30c, 5 lbs \$1.40, 15 lbs \$4.20, 60 lbs \$16.80.

Sutton's Excelsior—Similar in habit of growth to Nott's Excelsior but with large pods filled with large peas, tender and of delicious flavor. Height, 18 inches, very hardy, heavy bearer. Lb or pint 35c, 5 lb \$1.65c, 15 lbs \$4.95, 60 lbs \$19.00.

American Wonder—The earliest of the dwarf wrinkled varieties. Vines usually branching, about 10 inches high, very productive. Pods about 2½ inches long, well filled with large peas, very sweet and tender. Lb or pt 30c, 5 lbs \$1.40, 15 lbs \$4.20, 60 lbs \$16.80.

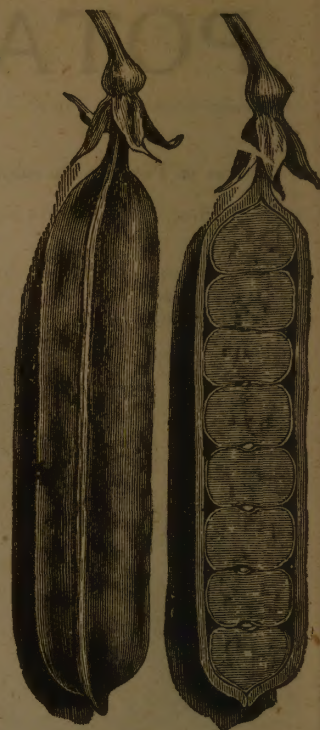
Daisy or Dwarf Telephone—The vines grow fifteen to eighteen inches high, are dwarf, stalky and vigorous, very productive. The pods are about five inches long, and well filled with large, thick, pale green peas of good lasting qualities. The pods often contain as many as ten peas. Lb 40c, 5 lbs \$1.90, 15 lbs \$5.70, 60 lbs \$22.80.

MEDIUM EARLY VARIETIES

Heroine—Pods remarkably long and handsome, slightly curved, well filled with large luscious peas of fine flavor. Height two feet, Seed green and very much wrinkled. Lb 30c, 5 lbs \$1.40, 15 lbs \$4.20, 60 lbs \$16.80.

Bliss Everbearing—Two feet high. A splendid general crop pea, pods averaging four inches in length and containing six to eight wrinkled peas of large size, while in sweetness of flavor they are unsurpassed. Pt 30c, 5 lbs \$1.40, 15 lbs \$4.20, 60 lbs \$16.80.

Horsford's Garden—Grows from two to two and a half feet high. It is extremely prolific, and bears its pods always in pairs, and on some of the best plants over 150 pods have been counted. One of the sweetest peas. Lb 30c, 5 lbs \$1.40, 15 lbs \$4.20, 60 lbs \$16.80.



Sutton's Excelsior Pea



Gradus or "Prosperity" Peas



Nott's Excelsior Peas

PEAS—(Later Varieties)

INOCULATE THIS
SEED WITH
MULFORD CULTURE

Packets of any Variety, Ten Cents Each.

Stratagem, Improved—The old Stratagem Pea has always been one of the best late sorts for quality, but it was a shy yielder, which impaired its usefulness. The Improved Stratagem has all the sterling qualities of the original type, and is one of the heaviest yielders. The vines are of medium height, very stocky; the pods are of immense size, well filled with very large dark green peas. Pt 30c, 5 lbs \$1.65, 15 lbs \$4.95, 60 lbs \$19.00.

Telephone—This strong growing, sweet, wrinkled pea is driving out of the local market the common kinds of early hard peas, owing to its strong growth, large, handsome, well-filled pods and very fine table quality. The vines often bear 18 to 20 pods per stalk, each containing 6 to 7 large peas; 4 feet high. Pt 30c, 5 lbs \$1.40, 15 lbs \$4.20, 60 lbs \$16.80.

Champion of England (4 feet)—Universally admitted one of the most productive and best flavored of the late Peas. Pods about 3 inches long, filled with large peas which are very sweet and tender. Lb or pt 30c, 5 lbs \$1.40, 15 lbs \$4.20, 60 lbs \$16.80.

Yorkshire Hero (2½ feet)—Very prolific, and of delicious flavor. Lb or pt 30c, 5 lbs \$1.40, 15 lbs \$4.20, 60 lbs \$16.80.

Black-Eyed Marrowfat (3 feet)—Best for general crop, has large and well-filled pods; a popular market variety. Lb or pt 30c, 5 lbs \$1.40, 15 lbs \$4.20, 60 lbs \$16.80.

Large White Marrowfat—Well known, prolific and of good flavor, 3 feet high. Lb or pt 30c, 5 lbs \$1.40, 15 lbs \$4.20, 60 lbs \$16.80.

EDIBLE PODDED OR SUGAR PEAS

Tall Scimitar Sugar—Pods are edible, very sweet, 7 to 10 inches long, grows 6 feet high, can be used in green state like string beans. ¼ lb 15c, lb or pt 40c, qt 75c, 15 lbs \$5.00.

Dwarf Sugar—Pods edible, 2 feet high, can be used in green state like string beans. ¼ lb 15c, lb or pt 40c, qt 75c, 15 lbs \$5.00.

IMPROVED PEANUT or GROUND PEA



The Peanut Plant is a pea which blossoms in the air, and then thrusts the ovary under ground for development. The ripened ovary or seed pod is the peanut of commerce. The choice variety which we offer is early, large, prolific, yielding fewer imperfect pods than any other kind. The nut is red, with two or three kernels to the pod; large and of rich flavor. Pkt 10c, ¼ lb 30c, lb 50c.



Rhubarb

RHUBARB or PIE PLANT

French—Rhubarbe.

German—Rhubarber.

(One ounce will produce about 500 plants)

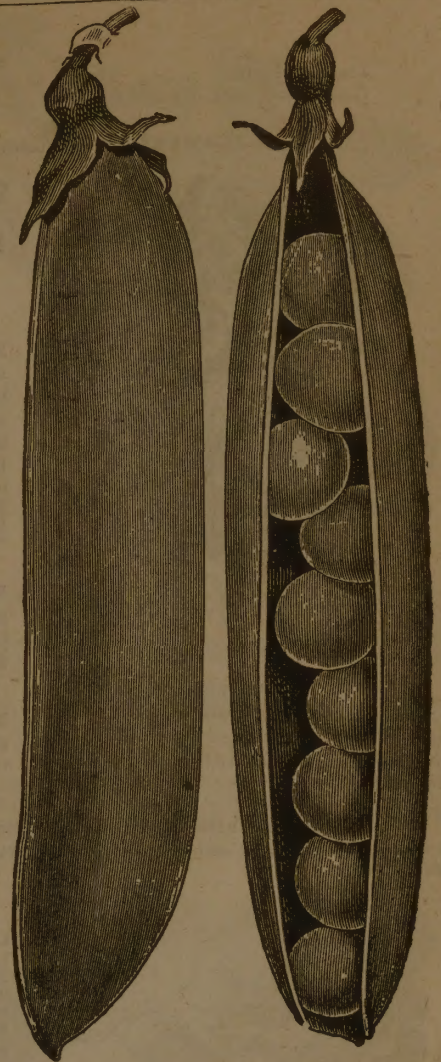
CULTURE—Sow in April in drills one inch deep and one foot apart; when the plants are three or four inches high, thin out to ten inches apart, and cultivate well during the season; in fall or following spring, transplant into hills about three feet apart each way. The soil must be very deep and heavily manured. Give a top dressing of manure every fall.

Royal Albert—A very early red variety, with long, thick stalks of excellent flavor. Pkt 10c, oz 30c, 2 oz 60c, ¼ lb \$1.00, lb \$3.50.

Myatt's Linnaeus—One of the best for family use, thin skin; very early and productive. Deep green. Pkt 5c, oz 25c, 2 oz 45c, ¼ lb 80c, lb \$3.00.

Victoria—Similar to the preceding, but more acid and productive. Stalks red. Pkt 5c, oz 25c, 2 oz 45c, ¼ lb 80c, lb \$3.00.

Large Roots of any of the above—Each 25c, 3 for 65c, per doz \$2.50, 100 \$15.00, by express.



Improved Stratagem Pea

SALSIFY

OR VEGETABLE OYSTER

French—Salsify

German—Bocksbart

(One ounce will sow 50 feet of drill)

CULTURE—The directions for growing and cultivating Carrots, given on page 12, apply also to Salsify. From its resemblance in flavor to oysters it derives its name. Soak the seed in warm water for 12 hours before sowing.

Mammoth Sandwich Island—This variety is of very large size, twice that of the ordinary Long White; pure white, very tender and delicious; invaluable for the market gardener. Pkt 5c, oz 25c, 2 oz 40c, ¼ lb 65c, lb \$2.40.

SCORZONERA

OR BLACK OYSTER PLANT

(One ounce will sow 50 feet of drill)

CULTURE—Cultivated the same as Carrots or Salsify. The outer rind of the roots being scraped off, they are steeped in water to abstract a part of its bitter flavor. They are then boiled or stewed in the manner of carrots or parsnips.

Pkt 5c, oz 30c, 2 oz 50c, ¼ lb 80c, lb \$3.00.



Mammoth Sandwich Island Salsify

French—Radis.

German—Radieschen und Rettige

RADISHES

One ounce will sow 100 feet of drill.

CULTURE—See **SIMMERS'** "Vegetable Garden," 50 pages (price 25c) free with orders of \$1.00 and over, when asked for with order.

SUMMER VARIETIES

EARLY ROUND OR TURNIP-SHAPED

"Leafless Bright Scarlet"—Extra early, remarkable for the small size of the leaves; the roots grow so quickly they are practically in advance of the leaves. A beautiful bright color and the crisp, tender flesh is excellent. Pkt 5c, oz 30c, 2 oz 55c, ½ lb 80c, lb \$3.00.

Early Scarlet Turnip-Rooted—Small top, quick growth, mild and crisp, best for market. Pkt 5c, oz 25c, 2 oz 45c, ½ lb 70c, lb \$2.50.

Early White Turnip-Rooted—Very early, flesh and skin white. Grown for mixing.

in with bunches of red radishes. Pkt 5c, oz 25c, 2 oz 45c, ½ lb 70c, lb \$2.50.

Early Scarlet White-Tipped Turnip-Rooted—A very pretty variety, excellent for market, and fine for forcing. Pkt 5c, oz 25c, 2 oz 45c, ½ lb 70c, lb \$2.50.

Early Scarlet Globe (Forcing)—A most desirable turnip sort for hot bed forcing; very early and of mild flavor, crisp, juicy and tender. Pkt 5c, oz 25c, 2 oz 45c, ½ lb 70c, lb \$2.50.

Crimson Giant (Forcing)—A very early variety suitable for forcing or outdoor planting. Roots grow more than double the size of other forcing varieties, without getting pithy or hollow. The skin is crimson red, flesh white, crisp and tender. Sow thinly to allow root development. Pkt 5c, oz 25c, 2 oz 45c, ½ lb 70c, lb \$2.50.

Rosy Gem or Scarlet White Tipped Forcing—Shape is perfectly globular, with rich deep scarlet top, blending into pure white at bottom, exceedingly tender, crisp and delicious; desirable for growing under glass. Pkt 5c, oz 25c, 2 oz 45c, ½ lb 70c, lb \$2.50.

EARLY OLIVE-SHAPED

Early Scarlet Olive-Shaped White-Tipped (Forcing)—(French Breakfast Radish)—A variety of quick growth, mild and tender, and one of the best for forcing. Pkt 5c, oz 25c, 2 oz 45c, ½ lb 70c, lb \$2.50.

Half Long Deep Scarlet or Paris Beauty—An early variety intermediate in shape between long scarlet and olive shaped. Pkt 5c, oz 25c, 2 oz 45c, ½ lb 70c, lb \$2.50.

Early Scarlet Olive-Shaped—Very early, of a bright scarlet color and oblong shape. Pkt 5c, oz 25c, 2 oz 45c, ½ lb 70c, lb \$2.50.

EARLY LONG

Long Brightest Scarlet White Tipped or Cardinal—Roots mature in about twenty-five days from time of planting, and continue in good condition until full grown. It has a small top and can be used for forcing. Pkt 5c, oz 25c, 2 oz 45c, ½ lb 70c, lb \$2.50.

Long White "Icicle"—This distinct Radish is the finest and longest of the very early pure white varieties. It is crisp, tender and of mild flavour. Pkt 5c, oz 25c, 2 oz 45c, ½ lb 70c, lb \$2.50.

Wood's Early Frame (Forcing)

—An early forcing strain of Long Scarlet Short Top, suitable both for forcing and growing out of doors. Pkt 5c, oz 25c, 2 oz 45c, ½ lb 70c, lb \$2.50.

Long White Naples—Excellent for table, flesh white, crisp and mild. Pkt 5c, oz 25c, 2 oz 45c, ½ lb 70c, lb \$2.50.

Improved Chertier—One of the best long radishes for outdoor planting. Roots 7 to 8 inches long, scarlet rose in color, shading off into white at the tip. Pkt 5c, oz 25c, 2 oz 45c, ½ lb 70c, lb \$2.50.

Long White Vienna ("LADY FINGER")—An early variety, the roots being long, slender, pure white, crisp, and very mild in flavor. Pkt 5c, oz 25c, 2 oz 45c, ½ lb 70c, lb \$2.50.

Early Long Scarlet Short Top—Roots 5 to 6 inches long, uniform in shape, crisp, tender and of choicest quality. Pkt 5c, oz 25c, 2 oz 45c, ½ lb 70c, lb \$2.50.

WINTER VARIETIES

White Chinese (Celestial)—Roots average 12 to 15 inches in length growing mostly above ground; flesh is solid, crisp, mild and of excellent flavor. Pkt 5c, oz 25c, 2 oz 45c, ½ lb 70c, lb \$2.50.

Long Black Spanish—Very large and one of the best for winter use. Pkt 5c, oz 25c, 2 oz 45c, ½ lb 70c, lb \$2.50.

California Mammoth White—Roots about 12 inches long, pure white and of slightly pungent flavor. Pkt 5c, oz 25c, 2 oz 45c, ½ lb 70c, lb \$2.50.

Long China Rose—Roots 4 to 5 inches long, light rose color; flesh firm, crisp and piquant. Pkt 5c, oz 25c, 2 oz 45c, ½ lb 70c, lb \$2.50.

Round Black Spanish—Large, of firm texture. Pkt 5c, oz 25c, 2 oz 45c, ½ lb 70c, lb \$2.50.

OUR RADISH MIXTURES

Summer Varieties, Winter Varieties, Pkt 5c, oz 25c, 2 oz 45c, ½ lb 70c, lb \$2.50.



Scarlet White Tipped Turnip-Rooted Radish



French Breakfast or Scarlet Olive-Shaped White Tipped Radish



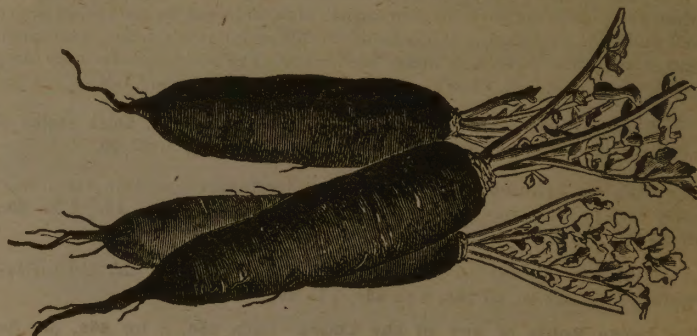
Early Scarlet Olive-Shaped Radish



Long White "Icicle" Radish



White Chinese Radish



Long Black Spanish Radish

French—
Courge.

SQUASH

German—
Speisekurbisse.

(One ounce will plant fifty hills).

CULTURE.—Prepare the hills the same way as directed for Cucumbers on page 16. The bush varieties should, of course, be planted closer together than those with long vines.

SUMMER VARIETIES

Bush Vegetable Marrow—A decided improvement on the old trailing Vegetable Marrow the fruit is larger, handsomer, more ribbed or fluted, and of strictly bush form. Pkt 5c, oz 15c 2 oz 25c, $\frac{1}{4}$ lb 50c, lb \$1.80.

English Vegetable Marrow—(Running)—Well-known variety, oblong, skin greenish yellow, flesh white, rich flavor. Pkt 5c, oz 15c, 2 oz 25c, $\frac{1}{4}$ lb 50c, lb \$1.50.

Summer Crookneck—Of bush form, early, productive and of good quality, fruits rich golden yellow, thickly warted. Pkt 5c, oz 15c, 2 oz 25c, $\frac{1}{4}$ lb 50c, lb \$1.50.

Early Bush Scallop Yellow—Pkt 5c, oz 15c, 2 oz 25c, $\frac{1}{4}$ lb 50c, lb \$1.50.

Early Bush Scallop White—Pkt 5c, oz 15c, 2 oz 25c, $\frac{1}{4}$ lb 50c, lb \$1.50.



English Vegetable Marrow



Summer Crookneck Squash

WINTER VARIETIES

Golden Hubbard Squash—In shape same as the Green Hubbard, but the skin is a rich orange color. It matures earlier and is more productive. The color of flesh is deep golden yellow, cooks dry and is of fine flavor. The keeping qualities are fully equal to the old variety. Pkt 5c, oz 15c, 2 oz 25c, $\frac{1}{4}$ lb 50c, lb \$1.50.

Green Hubbard—The standard winter squash, of good size, olive shape, with dark olive green skin. Flesh is of orange-yellow color, dry, fine grained and of rich flavor. Will keep in good condition till Spring. Pkt 5c, oz 15c, 2 oz 25c, $\frac{1}{4}$ lb 50c, lb \$1.50.

Chicago Warted Hubbard—A specially fine strain of the popular and well-known Hubbard Squash. The fruits are large and uniform in size, with rich, dark olive-green skin, generally set thickly with small excrescences or warts; very productive. The strain has deservedly become very popular in many markets. Pkt 5c, oz 15c, 2 oz 25c, $\frac{1}{4}$ lb 50c, lb \$1.50.

Mammoth Whale—The squashes are often three feet long, of a dark, rich green color, and sometimes weigh over one hundred pounds. The flesh is solid, of a beautiful orange-yellow color, and of excellent quality. It is a good winter keeper. Pkt 10c, oz 25c, 2 oz 45c $\frac{1}{4}$ lb 80c, lb \$3.00.

Essex Hybrid—Also called "Turk's Cap or Turban" on account of the peculiar cap-shaped enlargement that grows on the blossom end. The flesh is of rich orange color, very thick and solid, floury and sweet. Pkt 5c, oz 15c, 2 oz 25c, $\frac{1}{4}$ lb 50c, lb \$1.50.

Boston Marrow—A large, hard-shelled variety, of thickish oval shape; both skin and flesh of rich orange color. It is very productive and a good keeper. Pkt 5c, oz 15c, 2 oz 25c, $\frac{1}{4}$ lb 50c, lb \$1.50.

Large Mammoth Yellow Chili—A very large, oblong variety, with smooth skin of rich orange-yellow color; flesh very thick, fine grained and sweet. Pkt 10c, oz 25c, 2 oz 40c, $\frac{1}{4}$ lb 75c, lb \$2.50.



Large Leaved Giant Flanders Spinach



Hubbard Squash



Golden Hubbard Squash

French—
Epinard.

SPINACH

German—
Spinat.

(One ounce will sow 100 feet of drill; 10 to 12 lbs for one acre.)

CULTURE—Sow in drills 1 ft. to 1 $\frac{1}{4}$ ft. apart, covering the seed about 1 inch deep. When plants are well up thin to stand about 6 inches apart. For summer use seed should be sown at intervals of two or three weeks, as the plants run to seed quickly in warm weather. For winter and early spring use sow the seed in August or early in September and protect the plants with straw or leaves during the winter.

Victoria Improved—The foliage is heavy, the broad, dark green leaves being of a true Savoy appearance, and of the finest quality, it remains in prime condition from two to three weeks after all other varieties of spinach have run to seed. Pkt 5c, oz 25c, 2 oz 45c, $\frac{1}{4}$ lb 70c, lb \$2.50.

Extra Large Leaved or Giant Flanders (Viroflay)—A splendid variety, with leaves much larger and broader than any other variety, round, thick and fleshy, dark green. Pkt 5c, oz 25c, 2 oz 45c, $\frac{1}{4}$ lb 70c, lb \$2.50.

Round Leaf or Summer—The main market sort, equally good for either fall or spring sowing. Pkt 5c, oz 25c, 2 oz 45c, $\frac{1}{4}$ lb 70c, lb \$2.50.

Long Standing—Stands a long time before running to seed, otherwise similar to the well-known Round Leaf. Pkt 5c, oz 25c, 2 oz 45c, $\frac{1}{4}$ lb 70c, lb \$2.50.

Prickly or Fall—Stands well in winter, but gives less bulk per acre than the Round Leaf. Pkt 5c, oz 25c, 2 oz 45c, $\frac{1}{4}$ lb 70c, lb \$2.50.

Bloodsdales Large Curly, or Savoy Leaved—Excellent, tender and fine flavored. Pkt 5c, oz 25c, 2 oz 45c, $\frac{1}{4}$ lb 70c, lb \$2.50.

Large Mountain Orach, or French Spinach—Cultivated and used like Spinach. Pkt 5c, oz 20c, 2 oz 30c, $\frac{1}{4}$ lb 50c, lb \$1.50.

New Zealand—(Tetragonia expansa)—If sown early in spring plants will make a strong growth and furnish an abundant supply of leaves throughout the driest summer. Pkt 5c, oz 20c, 2 oz 30c, $\frac{1}{4}$ lb 50c, lb \$1.50.

Perennial—(Rumex Patientia)—Sown in spring and fit for use in autumn, quite hardy. Pkt 5c, oz 20c, 2 oz 30c, $\frac{1}{4}$ lb 50c, lb \$1.50.

SEA KALE

(One ounce will produce about 300 plants).

In this vegetable are combined the flavors of Asparagus and Celery. The stalks may be cooked like Asparagus, or stalks and leaves may be used as green. Seed—Pkt 5c, oz 25c, 2 oz 40c, $\frac{1}{4}$ lb 75c, lb \$3.00.

French—
Tomate.**TOMATO**German—
Liebesapfel.

(One ounce will produce 1,500 plants)

CULTURE—Sow in a hotbed about the first week in March in drills about five inches apart and a half an inch deep. About the middle of May, in this latitude the plants may be set in the open ground. They are planted for early crops on light, sandy soil, at a distance of three feet apart, in hills in which a good shovelful of rotten manure has been mixed. On heavy soils which are not suited to an early crop, they should be planted four feet apart, water freely at the time of transplanting, and shelter from the sun a few days until the plants are established.

Chalk's Jewel—The largest, smoothest and finest flavored extra early variety. The thick flesh is bright scarlet, very solid, with few seeds. Pkt 5c, oz 40c, 2 oz 70c, $\frac{1}{4}$ lb \$1.30.

Beauty—One of the most popular of the large purple sorts. Vines are large and vigorous; fruits large, uniform, very smooth, with purplish pink skin; flesh light pink and of excellent flavor. Pkt 5c, oz 40c, 2 oz 70c, $\frac{1}{4}$ lb \$1.30.

John Baer—Only a few days later than Earliana; yields a much heavier crop, fruits larger, more uniform, and more attractive. Pkt 10c, oz 50c, 2 oz \$1.00, $\frac{1}{4}$ lb \$1.80.

June Pink—Similar to Earliana, differs in color only, the earliest of all pink Tomatoes, good yielder. Pkt 5c, oz 40c, 2 oz 70c, $\frac{1}{4}$ lb \$1.30.

Earlibell—The best of the extra early reds. It comes into market about a week ahead of Earliana and is a better yielder. Fruits are 3 to 4 inches in diameter, very uniform in size and shape, and are borne in clusters. Pkt 5c, oz 40c, 2 oz 70c, $\frac{1}{4}$ lb \$1.30.

Dwarf Champion—Remarkably dwarf in habit, making compact, upright plants, which carry the fruit well above the ground. It is quite early, fruits medium large, round and smooth, of a purplish pink color. Pkt 5c, oz 40c, 2 oz 70c, $\frac{1}{4}$ lb \$1.30.

Imperial—The fruit is large, smooth and solid. It not only produces very early fruit, but it will hold out through the season until late in the fall. A splendid keeper. In color deep red tinted purple. Pkt 5c, oz 40c, 2 oz 70c, $\frac{1}{4}$ lb \$1.30.

Matchless—The fruits are of rich cardinal-red, remarkably solid and smooth, free from core and uniformly of the finest flavor. They are always of the largest size, even late in the season. For tomatoes of large size, smooth, handsome appearance, long keeping qualities, and finest flavor this variety is unsurpassed. Pkt 5c, oz 40c, 2 oz 70c, $\frac{1}{4}$ lb \$1.30.

Plentiful—A second early variety forming stocky, vigorous plants with foliage resembling that of the Potato. Fruits are smooth, purplish red, and the flesh very solid and meaty. An immense yielder. Pkt 5c, oz 40c, 2 oz 70c, $\frac{1}{4}$ lb \$1.30.

Mikado—A good late market variety bearing large smooth fruits of bright pink color. Pkt 5c, oz 40c, 2 oz 70c, $\frac{1}{4}$ lb \$1.30.

Earliana—A most popular extra early variety. The fruits are smooth, bright red in color, of large size and borne in large clusters. Pkt 5c, oz 40c, 2 oz 70c, $\frac{1}{4}$ lb \$1.30.

The Stone (Simmers' Selected)—Fruit very large and deep, bright scarlet, smooth, ripening evenly to the stem without a crack, exceedingly solid and firm-fleshed, of the finest quality, the best for family use and for canneries. Pkt 5c, oz 40c, 2 oz 70c, $\frac{1}{4}$ lb \$1.30.

Early Ruby or Atlantic Prize—A very popular early variety, of large size, good form, solid flesh and rich crimson color. Pkt 5c, oz 40c, 2 oz 70c, $\frac{1}{4}$ lb \$1.30.

Ponderosa—Very large and handsome; color dark crimson. Pkt 10c, oz 50c, 2 oz \$1.00, $\frac{1}{4}$ lb \$1.80.

YELLOW VARIETIES

Golden Queen—Large smooth, yellow, excellent flavor, very productive. Pkt 5c, oz 40c, 2 oz 70c, $\frac{1}{4}$ lb \$1.30.

PRESERVING VARIETIES

WINTER CHERRY, also called Strawberry or Ground Cherry (Physalis-edulis)—Culture same as Peppers. The fruit of the plant, which is a berry enclosed in an inflated calyx, is eaten as a common fruit, and is particularly pleasant for tarts. Pkt 5c, oz 40c.

Yellow Cherry.....	} Pkt 10c, oz 50c.
Small Red Cherry.....	
Small Red Currant.....	
Yellow Plum.....	
Yellow Pear.....	

FORCING VARIETIES

Comet—Color scarlet, about the size of Stone, splendid forcer. Pkt. 10c, oz 50c.

Sunrise—Rich scarlet, flesh solid with but few seeds, very prolific. Pkt 10c, oz 50c.



"Earlibell" Tomato



The Stone Tomato

TOBACCO

Sow the seed in hot-beds in March or April. As soon as plants are four or five inches high and all danger of frost is passed they should be transferred to open ground in rows four feet apart, $2\frac{1}{2}$ to 3 feet apart in the rows. Cultivate frequently as long as the cultivator can be used without injuring the plants, after which the ground should be kept clean by shallow hoeing.

Small Red Canadian—Fine for smoking. Pkt 10c, oz 60c.

Canelle—Fine flavored Canadian variety Pkt 10c, oz 50c.

Connecticut Seed Leaf—Pkt 10c, oz 50c.

White Burley. Pkt 10c, oz 50c, 2 oz 90c, $\frac{1}{4}$ lb \$1.60.

Virginia Seed Leaf—Pkt 5c, oz 40c, 2 oz 70c, $\frac{1}{4}$ lb \$1.20.

Havana—(Vuelta de Abaja)—Cuban grown. Pkt 10c, oz 50c, 2 oz 90c, $\frac{1}{4}$ lb \$1.60.

Zimmers' Spanish—One of the most popular, very early, finest quality. Pkt 10c, oz 50c, 2 oz 90c.

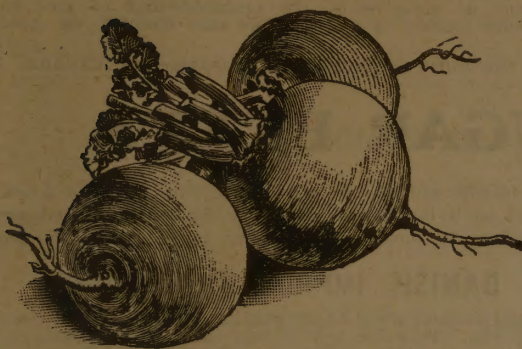
"TOBACCO CULTURE"—Full practical details from the propagation of the seed to the harvesting, curing and marketing of the crop, by fourteen experienced tobacco growers. Price 25c postpaid.

"TOBACCO LEAF"—By Myrick & Killbrew, \$2.00.

French—Navet. German—Weize Ruben.
One ounce will sow 100 feet of drill. Two
pounds will sow an acre.

TABLE TURNIPS

For Field Turnips see "Farm Seeds," pages 32 and 33.



Golden Ball Turnip

CULTURE—For early use sow as soon as the ground can be worked in the spring, in drills 15 inches apart and thin to 8 inches apart as soon as plants are large enough to handle. For succession sow at intervals of a fortnight until the last week of July, from which time until the end of August sowings may be made for main and late crops.

White Stone or Early Snowball—An early garden variety, clear white, medium size, delicate flavor, and quick growth. Pkt 5c, oz 20c, 2 oz 30c, ½ lb 50c, lb \$1.80.

White Flat Dutch—A very popular early variety of medium size, flesh very white, fine grained and sweet. Pkt 5c, oz 20c, 2 oz 30c, ½ lb 50c, lb \$1.80.

Early Golden Ball or Orange Jelly—A rapid grower, excellent flavor, globeshape. Skin deep yellow, flesh firm and crisp. Pkt 5c, oz 20c, 2 oz 30c, ½ lb 50c, lb \$1.80.

Red Top, Strap-Leaved—Very early, of medium size, flesh white, fine grained and tender. A standard sort for market gardeners. Pkt 5c, oz 20c, 2 oz 30c, ½ lb 50c, lb \$1.80.

Early White Egg—An egg-shaped variety for spring or fall sowing, flesh white, firm, fine grained, mild and sweet. Pkt 5c, oz 20c, 2 oz 30c, ½ lb 50c, lb \$1.80.

White Nimble Dick—One of the best for market and general use; fine flavor and very early. Pkt 5c, oz 20c, 2 oz 30c, ½ lb 50c, lb \$1.80.



Red Top, Strap-Leaved Turnip



Extra Early Purple Top Milan Turnip

Universal Purple Top Swede or Canadian Gem—A good Swede for table use. Pkt 5c, oz 20c, ½ lb 50c, lb \$1.80

SIMMERS' EARLY MELTING SWEDE—An excellent distinct variety, peculiarly suitable for garden culture on account of its flavor, fine form and rich golden yellow color. This variety is claimed by all market gardeners and private gardeners to be the finest grained, best keeping table swede turnip in cultivation. Pkt 5c, oz 20c, 2 oz 35c, ½ lb 60c, lb \$2.00.

Extra Early Purple Top Milan—An exceedingly early strap-leaved variety which retains its good qualities, and remains a long time fit for use. The bulbs are white with a purple top, round, flattened and solid with a very tender tap root; flesh pure white, sweet and crisp. Pkt 5c, oz 20c, 2 oz 35c, ½ lb 60c, lb \$2.00.

Extra Early White Milan—Pkt 5c, oz 20c, 2 oz 35c, ½ lb 60c, lb \$2.00.

HERB SEEDS

(Sweet, Pot and Medicinal)

Anise—Pkt 5c, oz 30c.

Balm—Pkt 5c, oz 40c.

Basil Sweet—Pkt 5c, oz 40c.

Borage—Pkt 5c, oz 25c.

Caraway—Pkt 5c, oz 15c, 2 oz 25c, ½ lb 40c, lb \$1.50.

Catnip or Catmint—Pkt 5c, oz 50c.

Coriander—Pkt 5c, oz 15c, 2 oz 25c, ½ lb 40c.

Dill—Pkt 5c, oz 20c, 2 oz 35c, ½ lb 50c, lb \$1.80.

Fennel Sweet—Pkt 5c, oz 20c, ½ lb 50c.

Horehound—Pkt 5c, oz 20c, ½ lb 75c.

Hop Seed—Pkt 5c.

Hyssop—Perennial, 2 feet high. Pkt 5c, oz 25c, ½ lb 75c.

Lavender—An aromatic, medical herb. Pkt 5c, oz 40c.

Lemon or Winter Thyme, Broad-leaved—Perennial, 6 inches. Pkt 10c, oz 50c.



Broad-leaved Sage

Lovage—Perennial, 5 feet. Pkt. 10c, oz 50c.
Mint—Perennial, 4 feet high. Crop failed. Roots 25c each.

Marjoram Sweet—Pkt 5c, oz 40c, 2 oz 70c, ½ lb \$1.30, lb \$4.80.

Peppermint—Pkt 10c.

Pennyroyal—Pkt 10c.

Rosemary—Pkt 10c, oz 90c.

Rue—Pkt 5c, oz 60c.

Rampion—Perennial, 6 inch. Pkt 5c, ½ oz 35c, 1 oz 60c.

Saffron—Pkt 5c, oz 30c.

Sage, Broad-Leaved—Perennial, 1 foot. Pkt 5c, oz 40c, 2 oz 70c, ½ lb \$1.30, lb \$4.80.

Sorrell—Perennial, 6 inches. Pkt 5c, oz 40c.

Summer Savory—Pkt 5c, oz 40c, 2 oz 70c, ½ lb \$1.30, lb \$4.80.

Tansy—For medicinal use. Pkt 5c, oz 40c.

Tarragon—Pkt 10c.

Thyme—Pkt 10c, oz 50c, 2 oz 80c, ½ lb \$1.50.

Winter Savory—Pkt 5c, oz 40c.

Wormwood—Used medicinally, and is beneficial for poultry. Pkt 5c, oz 40c.

Camomile Flowers—Oz 10c, 2 oz 20c, ½ lb 30c, lb \$1.00.

VEGETABLE PLANTS

By Mail or Express.
All Plants Sent at Purchaser's Risk.
Prices are subject to Change.

These plants may be sent short distances by mail, but if they are to be sent to distant points they should be sent by Express only. When plants are to be sent by mail add postage at the rate of Twenty-Five Cents per One Hundred to prices of Cabbage, Celery and Cauliflower, and Forty Cents per One Hundred to prices of Tomatoes.

The fact that these plants are all grown from the choicest stocks of seed is sufficient recommendation as to the genuineness of the varieties. They can be shipped fresh and well packed at a day's notice. This is of the greatest importance to every planter.



CABBAGE, Early—Ready early in per 50 per 100
May, Early Jersey Wakefield. \$0 30 \$0 50
Simmers' Premier..... 30 50
Henderson's Early Summer.... 30 50

CABBAGE, Late—Ready June 1st.

Simmers' Early Brunswick 20 30

Surehead..... 20 30

Savoy Drumhead..... 20 30

Red Drumhead..... 20 30

CAULIFLOWER—Ready Early in

May

Early Dwarf Erfurt..... 40 75

Early Snowball..... 40 75

CAULIFLOWER—Ready May 20th
to 30th.

Early Snowball..... \$0 30 \$0 50

Dwarf Erfurt..... 30 50

CELERY—Ready June 1st.

White Plume..... 40 75

Paris Golden Yellow..... 40 75

CELERY—Ready June 20th.

Paris Golden Yellow..... 40 75

White Plume..... 40 75

Simmers' Large Ribbed

White..... 40 75

PEPPER—Long Red..... per 12 per 50 per 100
\$0 30 \$0 75 \$1 25

TOMATO—Ready May 15th to 20th.

The Stone..... 50 90

Plentiful..... 50 90

Dwarf Champion..... 15 50 90

Chalk's Jewel..... 15 50 90

Mammoth Sage Plants—Each 15c, 2 for 25c, 4 for 50c.

Mint Roots—Each 25c.

Horse Radish Sets—Each 10c, 4 for 20c, per doz 50c.

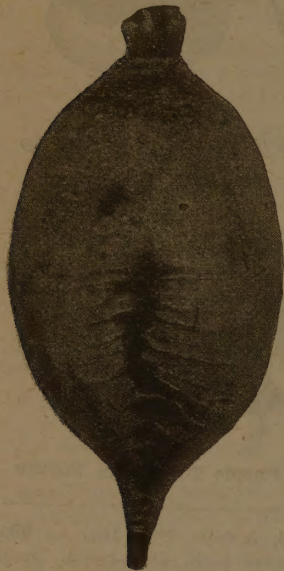
We will be pleased to make special prices on larger quantities

FIELD ROOT SEEDS

CONDITIONS OF SALE—It is impossible for us to guarantee the crop in any way, as there are so many causes over which we can have no control that operate against the growth and productiveness of seeds. All seeds bought from us must be on the condition that we give no warranty, expressed or implied, as to description, quality, growth, productiveness, or any other matter, of any seeds we sell; nor will we hold ourselves in any way responsible for the crop, beyond the actual amount of seeds purchased.

We hold a very large and carefully selected stock of Agricultural Seeds of a quality the most reliable and unsurpassed in Canada

SUGAR MANGELS



Simmers' Giant Sugar Mangel

SIMMERS' "DAIRY QUEEN" SUGAR MANGEL

This variety is a decided improvement on anything we have yet offered in Sugar Mangels. The roots grow very large, of perfect shape and free from prongy roots. It grows but a few inches in the ground, therefore is easily harvested. The skin is red, flesh white, fine grained, solid, very sweet and tender, much relished by all classes of stock. $\frac{1}{2}$ lb 25c, lb. 90c.

SIMMERS' IMPERIAL GIANT HALF-SUGAR BEET

This unites the large size of the Mangel with the greater feeding value of the Sugar Beet. The roots average ten to twelve inches and the outline is that of a broad thick wedge. The upper portion is of a soft bright pink, shading lighter towards the bottom where the lower portion for about one-third is white. The flesh is pure white, firm, crisp, and very sweet. Highly recommended as a most excellent and profitable root to grow for stock feeding. Price— $\frac{1}{2}$ lb 25c, per lb 90c, 4 lbs and over at 88c per lb.

SIMMERS' GIANT SUGAR MANGEL

This is very much superior to the ordinary varieties of Mangel, both as a milk producer and flesh former. It is very large and smooth, and free from prongy roots. The type is intermediate as illustrated. The color is white with green top, blending with the compact, upright foliage. The flesh is white, firm, crisp and sweet, and is relished by all classes of stock. It is easily cultivated and harvested, as it grows three-fourths of its length above the ground. Price— $\frac{1}{2}$ lb 25c, lb 90c, 4 lb and over 88c lb.

SUGAR BEETS

Sow from the middle of April to the first of June, in drills 2 feet apart, then thin out to 9 inches in the row. Six pounds of seed per acre, average yield 20 to 25 tons per acre. For milch cattle they are valuable.

DANISH IMPROVED

Roots grow to large size and are of heavy weight. Their thick oval form makes a large bulk of crop. They are rich in sugar and most desirable for stock feeding. Bright green foliage with leaf stalks and skin shaded or flushed with pink. Price— $\frac{1}{2}$ lb 25c, lb 90c, 4 lbs. and over 88c per lb.

IMPROVED IMPERIAL

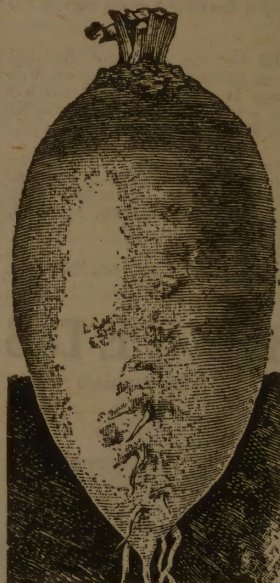
A most popular sugar beet for feeding cows, sheep or swine. Yields as much as most Mangels, and contains 8 per cent. of sugar. Has yielded 30 to 40 tons per acre at a cost of 5 cents per bushel. $\frac{1}{2}$ lb 25c, lb 90c, 4 lbs or over 88c per lb.

WANZLEBEN

In Europe this kind is cultivated on a larger scale than any other Sugar Beet. The root is conical, straight, and even, quite large at the head and rapidly tapering. Easy to dig, is a heavy yielder, and contains from 12 to 15 per cent. of Sugar. $\frac{1}{2}$ lb 40c, lb \$1.50.

WHITE SILESIAN OR RED TOP SUGAR

The root is slender, being about 3 to 4 inches in diameter at the shoulder, and tapering gradually to a point. Yields nearly 20 tons per acre, containing 8 per cent. of Sugar. $\frac{1}{2}$ lb 25c, lb 90c.



Simmers' Imperial Giant Half-Sugar Beet

FIELD CARROTS

SIMMERS' IMPROVED GIANT SHORT WHITE

Is of good shape, very broad at the shoulder, tapering to a point; its surface is very smooth, with few or no roots growing in the sides. In texture it is very fine, and in color pure white, with an excellent flavor. These are the individual points of the carrot. In addition it is a very HEAVY CROPPER, in fact it is by far the heaviest of any we have heard of, and on account of its shape and of its smooth skin, is EASILY HARVESTED. The above is a true description of the carrot we offer as our IMPROVED GIANT SHORT WHITE, and for its own qualities it should be grown by everyone who wants a white field carrot. It is especially suitable for shallow soil. While other varieties require digging, our IMPROVED GIANT SHORT WHITE CAN BE PULLED. Oz 20c, $\frac{1}{2}$ lb 50c, lb \$1.80.

LARGE WHITE BELGIAN

A standard variety of large size producing a very heavy yield. The roots thick and long, growing about $\frac{1}{4}$ of its length above the surface of the ground. Oz 20c, $\frac{1}{2}$ lb 50c, lb \$1.80.



Simmers' Improved Giant Short White Carrot

YELLOW OR ORANGE BELGIAN

This sort is very similar to the White Belgian except in color. Its strong point is its keeping quality—which makes it of special value for late feeding. Oz 20c, $\frac{1}{2}$ lb 50c, lb \$1.80.

IMPROVED LONG ORANGE OR SURREY

A well-known standard late variety. Roots long, thickest near the crown, tapering regularly to a point. Handsome and uniform in shape, color deep orange. It is a good keeper, and of fine quality. Oz 30c, 2 oz 55c, $\frac{1}{2}$ lb. \$1.00, lb \$3.60.

SCARLET INTERMEDIATE

On favorable soils it will grow uniform in shape, and clean and free from side roots. Stump-rooted and especially valuable for shallow soils. Oz 30c, 2 oz 55c, $\frac{1}{2}$ lb \$1.00, lb \$3.60.

CHICORY

Chicory seed should be sown in the spring in drills half an inch deep, and in good mellow soil; the after culture is the same as the Carrots. In the autumn the plants will be ready for blanching when it is used as a salad. The principal use of Chicory, is to use with Coffee. One ounce of seed will sow about 100 feet of drill, and from 2 to 3 pounds per acre

LARGE ROOTED LONG MAGDEBURGH

Pkt 5c, oz 30c, 2 oz 55c, $\frac{1}{2}$ lb \$1.00, lb \$3.60.

MANGEL WURZEL

We have a very fine trade on Mangel Seed, and are careful to see that our stocks keep pace with all the improvements that are being made from year to year. We have our seed grown under contract by experts in the best seed growing sections of Europe.

SIMMERS' MAMMOTH PRIZE LONG RED

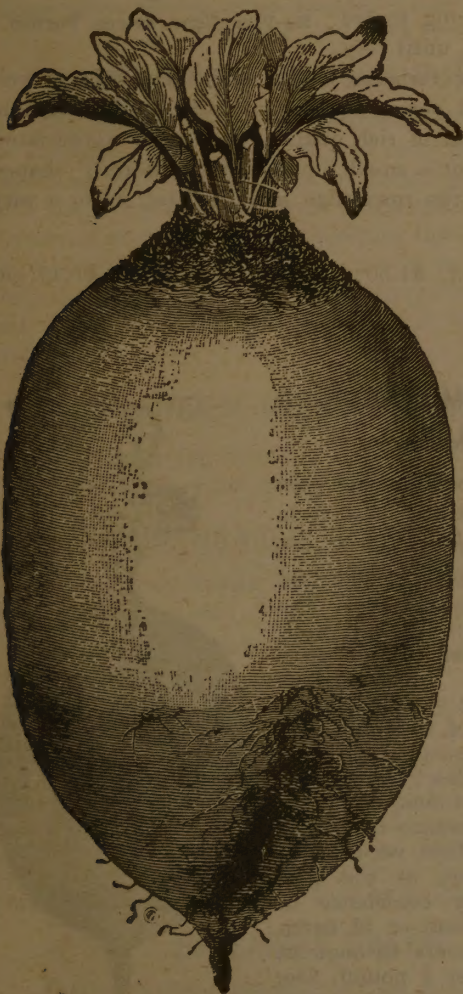
This is the largest and most productive of all Mangels. The roots grow to an enormous size, and are uniformly straight and well formed, with small tops. Growing about $\frac{3}{4}$ of their length above ground they are easily harvested. The flesh is white, tinged with rose and is very solid. Per $\frac{1}{4}$ lb 25c, per lb 90c, for 4 lbs and over, per lb 88c.

CHIRK CASTLE STRAIN MAMMOTH LONG RED

This special new strain of the Mammoth Long Red Mangel is enormously productive; 1,500 to 1,900 bushels per acre is nothing uncommon on good soil, and many experimental stations and trial tests in past years have produced considerably more. Single specimens have weighed over 60 pounds each. The flesh is red, of very fine texture and quality, containing less water and more sugar than any other mangel, making it more nutritious and milk producing. Sheep and other stock thrive better when fed on it, picking out pieces of it in preference to other kinds. Prominent mangel authorities consider this strain by far the most valuable and profitable of all mangels. Per $\frac{1}{4}$ lb 30c, per lb \$1.00, 4 lbs and over, per lb 95c.

"RIVENHALL GIANT," OR CHAMPION YELLOW GLOBE

This splendid Mangel, which has been raised and carefully selected by our grower, possesses all the fine feeding qualities of our Giant Yellow Intermediate, and it is also similar to that well-known variety in color—a rich golden yellow. The bulbs are Globe shaped, large, very handsome appearance. Hardy in constitution and even under ordinary cultivation produces a great weight of roots per acre. It is also a remarkable clean grower and pulls well. Strongly recommended as a heavy cropper of most nutritious quality. Per $\frac{1}{4}$ lb 25c, per lb 90c, 4 lbs and over, per lb 88c.



Giant Yellow Intermediate or
Yellow Leviathan

GOLDEN FLESH TANKARD

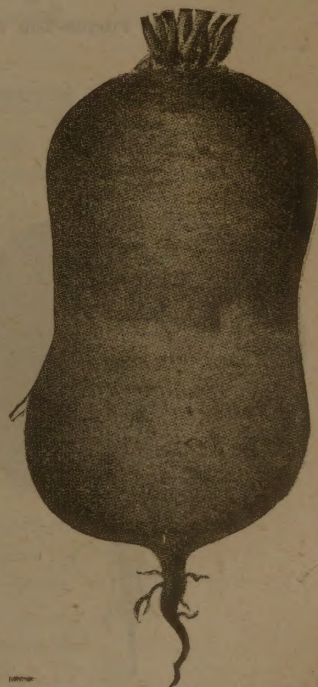
The special features of this Mangel are the rich, deep yellow color of the flesh and its nutritious and milk producing qualities. The roots are of large size, tankard shape, tapering quickly at the bottom, with only a small taproot. It grows largely above the soil, therefore is easily harvested. Being of upright growth it can be grown closely in the rows, and on good soil will produce an enormous bulk. Per $\frac{1}{4}$ lb 30c, per lb \$1.00, 4 lbs and over, per lb 98c.

GIANT YELLOW INTERMEDIATE, OR YELLOW LEVIATHAN

This entirely distinct Mangel, first introduced by us, is considerably larger than the Yellow Globe Mangel, and it is a beautiful russet yellow color. As shown in the illustration, it is remarkably even in shape, rather elongated, and of vigorous growth; it has a fine neck, large leaves with green stems and a very smooth fine skin. The flesh is white, firm and sweet, greatly relished by cattle. Per $\frac{1}{4}$ lb 25c, per lb 90c; 4 lbs and over, per lb 88c.

ECKENDORF YELLOW (IDEAL)

In Europe, where it originated, this variety is the most popular Mangel grown. It is valued not only on account of its high feeding qualities, but also for its enormous yields. Roots grow very large, cylindrical in shape, and as they grow largely above the ground, they are easily harvested. The skin is yellow, the flesh solid and nutritious. $\frac{1}{4}$ lb 25c, lb 90c. 4 lbs and over, per lb 88c.



Eckendorf Mangel



Mammoth Long Red

"Mangel Wurzels and Carrots," How to Raise,
How to Feed, How to Keep, by J. H. Gregory, 30c.

Swede Turnips

GROWN FROM 
SELECTED ROOTS

The following are the most popular standard English and other varieties, having for years given the greatest satisfaction to our numerous customers, being procured from the most reliable growers. The SWEDES are sown from May until the middle of July; the ABERDEENS and GLOBES from July to the latter part of August. May be sown in drills or broadcast at the rate of 2 to 4 pounds to the acre.

Special prices on club orders, farmers' orders, or large orders for any variety of our Turnip Seeds.

NE PLUS ULTRA BRONZE TOP SWEDE

We consider this new Swede the finest of all the bronze top Swedes yet introduced. It is globular in shape, symmetrical in form, of excellent quality, a rapid grower and exceptionally heavy cropper. It is quite distinct from other varieties, not only as regards root, but its short neck, small top, and light-colored foliage distinguish it from all other varieties, and help to make a field of Ne Plus Ultra a most attractive crop.

Price, $\frac{1}{4}$ pound, 40c; 1 pound, \$1.50; 4 pounds, and over, \$1.45 per pound.

UNIVERSAL PURPLE-TOP SWEDE TURNIP CANADIAN GEM

One of the Best Purple-Top Swedes for all Soils
Resists Drought and Mildew

A magnificent new variety of exceedingly hardy constitution, standing well during severe weather, and keeping sound and good until very late in the spring, when many other varieties have failed. The root is well shown in our illustration, stands high out of the ground, and is of handsome appearance. The yellow flesh is solid, of rich quality, and much appreciated by all classes of stock. Growing but a small top with its uniformly shaped root it will stand somewhat thicker in the rows than most Swedes, when a very heavy weight per acre can be grown.

Price per $\frac{1}{4}$ pound, 40c; per pound, \$1.50; 4 pounds or over at \$1.45 per pound.



Universal Purple-Top Swede Turnip



Ne Plus Ultra Swede Turnip

SIMMERS' 'DERBY' SWEDE

BRONZE GREEN TOP

We have no hesitation in recommending this variety as the hardiest and most productive of its class. The roots are very uniform in size and shape, the flesh very sweet and juicy; making it a splendid variety for table use as well as for feeding. Being very solid it stands handling, and is an excellent keeper. $\frac{1}{4}$ pound, 40c; per pound \$1.50; 4 pounds or over at \$1.45, per pound.



Simmers' Derby Swede Turnip

ELEPHANT, MONARCH, OR JUMBO

The reports received during past years from all sections of Canada pronounce this Turnip to be unequalled in size, quality and uniformly handsome appearance. The yield compared with other well-known roots has been from 2 to 6 tons more per acre. In shape it is very distinct, being of the tankard type. The crown of the bulb is a beautiful bright purple and the lower half deep yellow; the flesh is very solid and nutritious, and there is an almost total absence of fibrous or fangy roots. This variety has proven so satisfactory in the past that we have every confidence in recommending Elephant or Monarch Swede to our customers throughout the Dominion. Per $\frac{1}{4}$ pound, 35c; per pound, \$1.25; 4 pounds or over, \$1.20 per pound.



Elephant or Monarch
(Jumbo Swede)



SIMMERS' CHAMPION PURPLE TOP SWEDE

SWEDE TURNIPS

SELECTED STOCKS OF STANDARD SORTS

Special prices on club orders, farmers' orders, or large orders for any variety of our Turnip Seeds.

SIMMERS' CHAMPION PURPLE TOP

This magnificent Swede, the result of judicious selection, is the hardest, most productive, and most nutritious purple top variety in cultivation. Roots are large, yellow, slightly oblong, with single tap-root, free from coarseness of neck, and for uniformity of crop and keeping qualities this variety is superior to all other Swedes. It produces a very heavy weight per acre, keeps sound and good until late in the spring; flesh always rich and sweet in flavor. Per $\frac{1}{4}$ lb 35c, lb \$1.25, 4 lbs and over \$1.20 per lb.

BANGHOLM IMPROVED PURPLE TOP

Large and solid, should be sown on rather heavy loam. Per $\frac{1}{4}$ lb 35c, lb \$1.25, 4 lbs or over \$1.20 per lb.

KANGAROO SWEDE TURNIP

A very hardy Swede similar in size and growth to Elephant, color a bronze-green.

This Swede is particularly adapted to soils and districts that are cold and backward.

This splendid hardy Swede possesses the heavy cropping features of the famous Elephant or Monarch, with the grand constitution of the best types of bronze-green top Swedes, and is increasing in popularity each year, particularly in those districts where the land lies exposed and is consequently cold and backward. It has been largely grown in the lower provinces of Canada, where it has produced the heaviest crops ever known in that section of the country. Price per $\frac{1}{4}$ lb pound, 40c; per pound, \$1.50; 4 pounds or over at \$1.45 per pound.

HAZZARD'S GREEN TOP

Distinct variety, the flesh is firm and white; very hardy, a good keeper and adapted to either field or garden cultivation. Per $\frac{1}{4}$ lb 35c, lb \$1.25, 4 lbs and over \$1.20.

HALL'S WESTBURY

A well-known standard purple top variety, of good size and handsome appearance. A splendid keeper. $\frac{1}{4}$ lb. lb. 4 lbs or over
35 \$1.25 \$1.20

SIMMERS' DEFIANCE BRONZE TOP

A very profitable variety to grow, being a heavy yielder and good keeper. 40 1.50 1.45

SUTTON'S CHAMPION PURPLE TOP

One of the heaviest yielding varieties and a general favorite. Roots of good size and shape, flesh yellow, very tender and sweet. An excellent keeper. 35 1.25 1.20

WHITE GIANT GREEN TOP

A quite distinct sort of enormous size, preferred by many growers to the yellow varieties. 35 1.25 1.20

YELLOW AND WHITE TURNIPS

(For Sowing after the Swedes)

Aberdeen Purple Top Yellow.	25	90	88
Aberdeen Green Top Yellow—With green tops. .	25	90	88
White Globe—For sowing after the Aberdeen, late as August.	25	90	88
Cow Horn—Long White, in shape resembling a cow-horn.	25	90	88
Improved Purple Top Mammoth—A variety producing a greater weight per acre than any other turnip, fine shape excellent for early feeding, keeps well in winter if sown late. .	25	90	88
Greystone—A large white fleshed variety with purplish-grey top, hardy and productive. It is particularly valuable for feeding to milch cows, increasing the flow of milk without imparting any unpleasant odor or taste. . .	25	90	88

AGRICULTURAL SEEDS

When ordering Seed grain do not forget to include the price of Bags.
Cotton bags, best quality, 40c each, 2nd quality 35c each, 3rd quality, 30c each; Linen Bags 15c each.

We do not pay Freight on Seed Grain.

When Customers do not remit for bags, the value will be deducted.
Prices on all Farm Seeds subject to change without notice.

BARLEY

O. A. C. No. 21—This new variety may be called an improved form of Mandscheuri, and is the result of careful selection, extending over a period of about 5 years. Wherever it has been tried it has been found to give a greater yield than Mandscheuri, both of grain and straw, and is practically free from rust. Peck 60c, bush \$2.00.

"Ideal" White Hulless—It is hulless, beardless, early, weighs over 60 lbs to the measured bushel, it yields well on poor land, yields enormously on good land, makes better pork than corn, makes excellent flour, the straw makes good hay, it is of inestimable value to everyone who feeds stock. Per lb 20c, 3 lbs 50c, 10 lbs \$1.40, 50 lbs \$5.50, 100 lbs \$10.00.

Mandscheuri, Six-Rowed—The well-known standard variety; an exceedingly heavy yielder. Bush \$2.00.

Canadian Six-Rowed—Per bush \$1.80.

Duckbill Two-Rowed—Per bush \$2.50.

BUCKWHEAT

Japanese—1 lb 20c, 3 lbs 50c, peck 80c, bush \$3.00.

Silver Hull—1 lb 15c, 3 lbs 40c, peck 70c, bush \$2.50.

Common Grey—Per peck 70c, bush \$2.50.

BEANS

The Prolific Dwarf Tree—White. Per lb 25c, peck \$3.00, bush \$10.00.

California Pea—Yellow, very productive. Per lb 25c, peck \$3.00, bush \$10.50.

FLAX SEED

For sowing, \$10.00 per bush of 56 pounds.

Specially screened for medicinal purposes. Per lb 20c, 5 lbs \$1.00, 10 lbs \$1.50.

PEAS

Early Brittany—A brownish colored pea of medium size. Straw of fair length and good quality. The heaviest yielding field pea. Price per lb 20c, 3 lbs 50c, peck \$1.75, bush \$6.00.



Canadian Beauty Pea

Prussian Blue—This variety is the first in the list of varieties recommended in the Report of Dominion Experimental Farms. It is a very early variety, of strong growth, the pods averaging 2½ inches in length. Out of 28 varieties tested Prussian Blue gave the highest yield, viz:—43 bus. per acre. Per lb 20c, 3 lbs 50c, peck \$1.75, bush \$6.00.

Canadian Beauty—A variety of White Marrow which in most sections has given splendid results. The seed is large and of bright color, straw strong. An enormous yielder, and one of the most profitable sorts grown. Per 1 lb 20c, 3 lb 50c, peck \$1.75, bush \$6.00.

Multiplier—A fine white Pea, which matures a few days earlier than the Golden Vine. It is much more productive than any of our common field varieties. Peck \$1.70, bush \$5.50.

Also the following varieties of Peas:—Golden Vine, White Marrow-fat, Black-eyed Marrow-fat. Price on application.



THOUSAND-HEADED KALE

Profitable to Sheep Raisers—2 acres will feed and fatten 50 sheep
Just the thing for sheep, for cattle, for hogs, for poultry, in fact for any animal that will eat green feed.

Thousand Headed Kale is now being grown in larger quantities than Rape in England. The seed can be sown early in April or any time thereafter until midsummer. The plants grow to a height of 3 to 4 feet, and are so covered with small whorls of leaves that the name Thousand-Headed Kale has been given it. It will yield a larger crop than the Dwarf Essex Rape, as it branches out from the bottom and grows very rapidly. It is greatly relished by hogs, cattle and sheep. The plant is not affected by drought and flourishes in all kinds of soil. In England this seed is being sown broadcast on pastures with grass seeds, using about one pound of seed per acre, though if sown alone it should have about 3 pounds per acre.

½ lb 20c, lb 50c, 10 lbs and over 47c lb; 50 lbs at 45c lb.; by express or freight at purchaser's expense.

SPRING RYE

Distinct from the winter rye; grain of finer quality, and more productive; can be successfully grown in any latitude, and is now being largely sown in place of oats, being a much more profitable crop, on account of the production of nearly four times the straw, and also as "catch" crop where winter grain has failed. The straw is equally as valuable as that of the fall or winter rye, standing stiff 7 to 8 feet high; produces 30 to 40 bushels of grain per acre. As it does not stool like winter rye, not less than two bushels per acre should be sown. Lb 20c, peck 80c, bush \$2.75.

TARES OR VETCHES

For Spring Sowing—Grown for a forage crop. They can be cheaply raised; fed green, cured or ensilaged. They are sown at the rate of one-half bushel to the acre, with about one-quarter bushel oats to hold them up. Peck \$1.50, bush \$5.00.

SPELTZ OR EMMER

Claimed to yield 80 to 100 bushels of richer food than corn, besides giving as much as 4 tons of good hay per acre. Speltz is best described as a combination of Wheat, Rye and Barley, and for fattening Cattle, Poultry, Horses, Sheep, Pigs, etc., is equal to other grains.

CULTURE—Prepare your land as you would for wheat or oats, and sow at the rate of 75 to 100 lbs to the acre. Cut when the grain is past the middle stages of milk, when it will make splendid grain and lots of straw hay of excellent quality. Thrash like wheat, only not so closely. The hull and kernel can then be fed or first ground.

PRICE—Lb 15c, 3 lbs 40c, per peck 50c, bush of 40 lbs \$1.75.

WILD RICE SEED

DIRECTIONS FOR SOWING—Put the rice in coarse cotton or linen bags, and sink them in water for 24 hours. Sow in water which is from 6 inches to 5 feet deep, in soft mud bottom, and in places where there are but few weeds. It is useless sowing these seeds except on a mud bottom, or on low marshy places which are covered with water the year round. In running water sow as much out of the current as possible.

Wild Rice (Zizania Aquatica)—Lb 35c, 10 lbs or over 30c per b, carriage extra.

SEED OATS



O.A.C. No. 72

This splendid variety is the result of continued systematic selection from the well-known Siberian Oat. It originated at the Experimental Farm at Guelph, where it has made an excellent record. The straw is long and stiff, and comparatively free from rust. Heads are branching, the grain white, of excellent quality, with very thin hull. In point of yield O.A.C. No. 72 stands at the head of the list of varieties used in the co-operative experiments throughout Ontario.

Per lb 15c, 3 lbs 40c, peck 60c, bush \$1.75, 5 bush and over at \$1.70 per bush.

BANNER

This variety is extremely early, very productive, and uniform in ripening. The straw is of good length, heads branching, the grain white, very thick and heavy, with thin hull. Reports from Dominion Experiment Stations show it to be one of the best, if not the best, among many varieties tested. From personal experience we are convinced that there is no better Oat than the Banner.

Per lb 15c, 3 lbs 40c, peck 60c, bush \$1.75, 5 bush and over at \$1.70 per bush.

YELLOW RUSSIAN

This grand new Oat has taken the very highest place in recent agricultural experimental tests. It has been awarded first prize at Toronto Industrial Exhibition for two successive seasons, both in the sheaf and in the bag, and has been pronounced by judges one of the best varieties examined in the Field Crop Competitions. The straw is very stiff and stands up well against wind and rain, and being free from rust makes excellent fodder. The heads are erect and branching. The grain is large, plump and of light yellow color. We have no hesitation in recommending Yellow Russian as a first-class Oat for any kind of soil.

Per lb 15c, 3 lbs 40c, peck 60c, bushel \$1.75, 5 bushels and over at \$1.70 per bushel.

EARLY NORMAN

A new, extra early white Oat which originated in Denmark, and has been grown in this country with highly satisfactory results. The straw is of medium height, very stiff and stands up well; heads are long and branching; the grain is white, with thin hull and weighs 38 to 40 lbs. per measured bushel. It stools freely, thereby producing a very heavy crop. Per lb. 15c, 3 lbs. 40c, peck 60c, bushel \$1.75, 5 bush. and over at \$1.70 per bush.

GRANARY FILLER

An enormously productive, new, extra early variety, the result of careful cross breeding. The grain is white, plump, with thin hull, and weighs 38 to 40 lbs. per bushel. On account of its extraordinary stooling qualities, less seed is required per acre than of other varieties. Heads branching. Per lb. 15c, 3 lb. 40c, peck 60c, bush. \$1.75, 5 bush. and over \$1.70 per bush.

NEW STIRLING

This fine and very productive variety has been thoroughly tested in different sections, with most excellent results. We have secured a considerable quantity of the seed and offer it to our customers with all confidence, knowing that it will prove one of the best, if not the best variety we have ever introduced.

It is a branching Oat, growing a long stiff straw, and, under favorable conditions, yielding 75 to 100 bushels per acre. The grain is white, with thin hull and is valuable not only for feeding, but also for milling purposes.

To all who are looking for a thoroughly good Oat we recommend the New Stirling.
Per lb 15c, 3 lbs 40c, peck 60c, bush \$1.75, 5 bushels and over at \$1.70 per bush.

SHEFFIELD STANDARD

An exceptionally good white Oat of which we have a splendid stock. We recommend it as one of the handsomest and heaviest yielding Oats ever introduced. Heads branching.

Price—Lb 15c, 3 lbs 40c, peck 60c, bush \$1.75, 5 bush and over at \$1.70 per bush.

MAMMOTH CLUSTER

A splendid heavy yielding white variety which is seldom affected by blight or rust. The grain is very large, plump, with thin hull, weighing 40 to 45 lbs per measured bushel. Heads branching. Price per lb 15c, 3 lbs 40c, peck 50c, bush \$1.60, 5 bushels and over at \$1.50 per bushel.

IMPROVED BLACK TARTARIAN

Grown from imported seed. Lb 15c, 3 lbs 40c, peck 60c, bush \$1.75, 5 bush and over at \$1.70 per bush.

IMPROVED BLACK TARTARIAN

The stock we offer was grown in East Lothian, Scotland, and is of excellent quality. Per lb 20c, 3 lbs 50c, peck 80c, bush \$3.00.

NOTE—The prices of Oats and Wheat are those current at the time of issue of this Catalogue, January 1st. They are subject to change without notice.

SPRING WHEAT

(Sow from 1½ to 1¾ bushels per acre.)

Marquis—The earliest and hardiest wheat grown; originated at Central Experimental Farm, Ottawa, as the result of a cross between two old standard sorts. It grades No. 1 Hard for milling purposes, and is a heavy cropper. The straw is of medium length and very stiff, therefore stands up well. Price per lb 20c, 3 lbs 50c, peck \$1.00, bush \$3.50.

Wild Goose (Bearded)—The Wild Goose stands at the head of the list in yield of grain per acre, has given the largest average yield per acre of all varieties for several years in succession, bearded head, with white chaff, straw stiff, grain hard and flinty.

Price per lb 20c, 3 lbs 50c, peck 80c, bush \$3.00.

White Russian—This variety has been sown for a number of years, and invariably turns out a first-class crop. It has a bald head of good length, good stiff straw, stands up well; full, plump berry, flinty and of good color. Price per lb 20c, 3 lbs 50c, peck 80c, bush \$3.00.

WINTER WHEAT, FALL RYE

season. Prices on application.

We carry the leading varieties of Winter Wheats, Fall Rye in

PRICES FOR BAGS

When bags are required for filling orders, they will be supplied at the following prices, which should be remitted with the amount of order.

1½ bushel, Jute bags, each 15c.

2 bushel, Cotton Seamless, best quality each 40c, 2nd quality 35c, 3rd quality 30c.

FODDER or ENSILAGE CORN

These prices are subject to change without notice, and are net cash. Send for Special Quotations of Seed Grain, Clovers and Grasses. When ordering Corn do not forget to include price of bags. Cotton bags 30c each; Linen bags 15c each.

Stocks Very Scarce—Owing to an unusually severe frost, which caught the Corn just at a critical stage, many of our crops were seriously damaged and the germination will not be as good as usual. We therefore recommend planting thicker to avoid short crops.

DENT VARIETIES

SIMMERS' EARLIEST RIPE—This corn will ripen out ears inside of 60 days after planting, and usually from 2 to 3 ears on the stalk. It grows about 6 feet high, very leafy and bushy, and contains a tremendous amount of nutritious matter. 1 lb 20c, 3 lbs 50c, peck \$1.60, bush \$6.00.

Evergreen Ensilage—For Green Fodder—There is nothing better for early fall green feed or for curing for winter than Evergreen Ensilage corn. It has the great merit of being so sweet and palatable that cattle eat every part of stalks and leaves, and consequently none is wasted. 1 lb. 25c, 10 lbs. \$2.25.

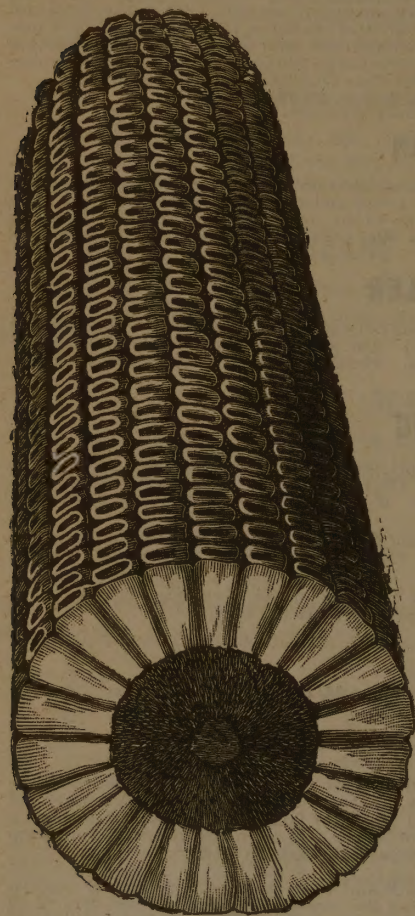
SIMMERS' SILO KING—(Shaker's Early)—Its appearance is distinct, being half yellow dent, the kernels are very broad and of an extremely rich golden color. It grows 7 to 8 feet high, ears of good size, eight rowed with small cob. 1 lb 20c, 3 lbs 50c, peck \$1.50, bush \$5.50.

White Cap Yellow—This corn is the best early for Ensilage yet produced. Large, heavy stalks and ears. This variety has more genuine merit, more fine and lasting points than any corn in cultivation. It is from 7 to 10 days earlier than many other varieties, and on poor, thin soil will outyield the Leaming by at least 30 per cent. The originator claims it has more testimonials for earliness, easy shelling, productiveness, beauty, growing-strength-fodder and all round qualities than any other variety. 1 lb 20c, 3 lbs 50c, peck 1.50, bush \$5.50.

The Early Mastodon—Claimed to produce the longest grains and longest ears of any 100-day corn in cultivation, with most extraordinary, yielding qualities. It grows quick, and strong. 1 lb. 20c, 3 lbs. 50c, peck \$1.50, bush \$5.50.

Wisconsin Yellow—This variety is in every way one of the most desirable. Average weight of ears 9 to 10 ounces, with many rows, there being generally from 18 to 20 and often as high as 21 rows of kernels of a bright yellow color, cob red, 1 lb. 20c, 3 lbs. 50c, peck \$1.50, bush \$5.50.

Wisconsin White—(Wisconsin No. 7)—Ears average 16 rows, grains extra long and wide, 2 of which will span the cob which is usually small for the size of the corn, and is generally



white. The stalk is short and thick, with ears set low; roots deep, easily withstanding severe storms and droughts. 1 lb 20c, 3 lbs. 50c, peck \$1.50, bush \$5.50.

Chester County Mammoth—(White, It yields under good cultivation, from one hundred to one hundred and thirty bushels shelled corn per acre. Ears are very large. It furnishes a large amount of fodder, growing 12 to 16 feet high. 1 lb. 20c, 3 lbs. 50c, peck \$1.50, bush \$5.50.

Mammoth Cuban Yellow—The grains are pure yellow, very broad and long. It produces an immense amount of fodder of the very best quality, as sweet and tender as sugar corn. 1 lb 20c, 3 lbs. 50c, peck \$1.50, bush \$5.50.

Early Butler—This is without doubt one of the earliest Dent Corns. It is a cross from Pride of the North, grows good sized ears with long grains and a very small cob, corn of a beautiful golden yellow color. The Butler is adapted for high latitudes, and will mature further north than any other variety. It grows strong and very quickly. 1 lb 20c, 3 lbs. 50c, peck \$1.50, bush \$5.50.

SIMMERS' PARAGON WHITE ENSILAGE—This superior ensilage corn we can recommend from experience as being the harvest cropping variety in cultivation, producing 50 to 75 tons per acre. It grows 13 to 14 feet in height. Peck \$1.40, bush \$5.00.

Red Cob Ensilage—So called owing to its cob being quite red; the kernel is perfectly white, resembling very closely the ordinary Horse-Tooth Corn. Peck \$1.40, bush \$5.00.

Mammoth Southern Sweet Ensilage—White—Peck \$1.40, bush \$5.00.

Yellow Horse-Tooth or Golden Beauty—Peck \$1.40, bush \$5.00.

Pride of the North—(Early Golden Dent Corn)—Very early. The stalks usually grow from 8 to 10 feet in length, and produce from one to three good ears. Peck \$1.40, bush \$5.00.

Leaming Corn—Yellow—Always two good ears to each stalk. It withstands severe drought by reason of its earliness in maturing, strong and vigorous growth; and its stalky and leafy nature. Per peck \$1.40, bush \$5.00.

FLINT VARIETIES

Mammoth 8-Rowed Yellow—It is entirely distinct, being as described, the Mammoth 8-rowed Yellow Corn, a great improvement on the old yellow Canada Corn, 8 rowed, which is the general corn used by farmers for feeding purposes. The ears, when harvested, are long and well filled with corn which is double the size of the ordinary yellow Canada corn or the Compton Early Yellow. 3 lbs 50c, peck \$1.60, bush \$6.00.

Farmer's Surprise—Undoubtedly the earliest 8-rowed variety yet produced. The ears are long and freely borne on stalks, which are very heavy and leafy. Farmer's Surprise can be grown and ripened in districts where heretofore a corn crop has been uncertain. 3 lbs 50c, peck \$1.60, bus \$6.00.

Compton Early Yellow—The productiveness of the Compton is remarkable, with more rows to cob than any other Flint corn. The grains are very small, round and heavy. It is very hardy, and sure to grow and produce a crop; height 8 to 10 feet. 3 lbs 50c, peck \$1.60, bush \$6.00.

Salzers' North Dakota White Flint—An extremely early variety, suitable for the North-West. The stalks average 5 ft. in height and the yield of ears is enormous. 3 lbs. 50c, peck \$1.60, bush \$6.00.

Early Yellow Canada—The earliest yellow for field or table use, 3 lbs 50c, pk \$1.60, bush \$6.00.

Angel of Midnight—(One hundred day)—An extra early 8-rowed yellow Flint variety. 3 lbs 50c, peck \$1.60, bush \$6.00.

Longfellow—An 8-rowed yellow Flint variety, with ears 15 to 20 inches long, cob small, kernels quite broad. 3 lbs 50c, peck \$1.60, bush \$6.00.

Early White Flint—Very desirable for table use. 3 lbs 50c, peck \$1.60, bush \$6.00.

King Philip—(Reddish Flint)—One of the oldest and best known of the Flint varieties. 3 lbs 50c, peck \$1.60, bush \$6.00.



CORN PLANTERS

Automatic—Made of best material, and finished to stand long use and all sorts of weather. Depth of planting can be easily regulated. Each, \$3.00.

King of the Field—Two hand. Each \$1.25. With Pumpkin Seed attachment, \$1.50.

BROOM CORN, IMPROVED EVERGREEN.

This is the most popular variety of broom corn to grow for the market, the brush being firm and of good length and retaining the light green color when properly cured. Per pkt 5c, lb 20c, 3 lbs 50c, 10 lbs \$1.50.

FORAGE PLANTS



SOWING RAPE (1 to 2 lbs. per acre in drills 4 to 6 pounds broadcast.)

Rape may be sown either in rows or drills and cultivated or may be sown broadcast. When sown in rows the plant will grow much stronger and more luxuriant in foliage, and will also stand longer feeding, as it is less liable to be tramped down. It may be sown in May, and when it is sufficiently advanced it can be fed off, and then allowed to grow up again, thus giving a second crop the same season; but the usual time for sowing is the last half of June until end of July, and it has been sown towards the end of August with success. The cultivation of Rape should commence as soon as it is well started, and with repeated cultivation until the leaves become too large to work between the rows. Rape may also be plowed under as a fertilizing crop.

DWARF ESSEX, or large Leaved English—Per lb 20c, 10 lbs \$1.80, 25 lb lots and upwards 16c per lb, 50 lb lots and upward \$15.00 per 100 lbs.

COW OR SOUTHERN PEAS

(The Great Soil Improver)

From 5 to 9 tons of green fodder per acre have been produced by Cow Peas. To grow for Hay they are most valuable. For ensilage they are unsurpassed. When it is desired to turn the whole crop under as a soil improver it is better to do so after the vines are partly dead. Cow Peas can be sown in May or June, at the rate of 1 to 1½ bushels per acre. Of the several varieties of Cow Peas, the following two are best adapted to our climate.

New Era—A little earlier than Whip-Poor-Will, and grows a heavier plant. Per lb 20c, peck \$1.60, bushel \$6.00.

Whip-Poor-Will—Well-known standard variety. Price, lb 20c, peck \$1.60, bushel \$6.00.

MAND'S WONDER FORAGE PLANT

(Pencilaria Zeaoides)

A very rapid growing plant, attaining a height of 10 to 12 feet, when fully developed, and producing an immense amount of excellent fodder. If cut when it reaches the height of 2 or 3 feet it may be cut several times in the season. Price lb 30c, 10 lbs \$2.50.

SHALLU

This is more of a grain crop than a forage crop. It is of a stooing habit, producing from 3 to 6 stalks from a single seed, each bearing a large head of round, plump, white seeds, which make excellent feed for horses, cattle and poultry. Sow in rows, 3 feet apart, 3 to 5 lbs per acre, or broadcast one half to one bushel per acre. Per lb 20c, 5 lbs or over at 15c per lb.

KAFFIR CORN

One of the very best forage plants. Grows 4 to 5 feet high. White—Lb 15c, 5 lbs 60c, 25 lbs \$2.50, 100 lbs \$9.00.

ENGLISH HORSE BEANS

Recommended by the Dominion Experimental Farm, to be planted with Corn and Sunflower seed for Ensilage purposes. Lb 20c, 10 lbs \$1.50, bush \$7.00. Values fluctuate.

SAND, or WINTER VETCH

(Vicia Villosa)

This is a hardy legume, growing somewhat similar to a pea, but as it grows to a height of 4 or 5 ft. it should be sown with other grains, which will provide support for the vines. Being extremely hardy, it is especially valuable for northern districts where clover will not survive the winter. When sown in August or September with winter rye it makes a good growth in the Fall, remains green all winter, and is ready for cutting a month earlier than Scarlet Clover. As a cover crop it prevents washing or leaching of the soil during winter, and being a nitrogen gatherer it enriches the soil. It is also valuable for spring sowing for hay or pasture. Sow 50 to 60 lbs. per acre, with ½ bu. of rye, oats or barley. Lb. 40c, 10 lbs \$3.75; 25 lbs \$8.75; 100 lbs \$32.00.

AUSTRALIAN SALT BUSH

(Atriplex semibaccatum)

Grows freely on arid and alkali lands that will produce no other vegetation, yielding a marvellously liberal foliage, which is eagerly eaten by all kinds of stock. It is of creeping habit. It has been proved that after three or four crops have been grown on alkali land, the soil is capable of producing any other vegetation. One pound of seed will plant an acre. Price—Pkt 10c, oz 40c, ½ lb \$1.25, lb \$4.00.



Sand or Winter Vetch

SOUDAN GRASS

This is a tall growing annual plant, particularly valuable for very dry sections. It is treated like Millet to which it is very much superior. It stools wonderfully and yields anywhere from two to ten tons of hay per acre, according to conditions. If sown broadcast 16 to 24 pounds of seed per acre are required, but it is advisable to sow it in rows and cultivate like corn. Sown in rows 36 to 42 inches apart, 2 to 3 pounds per acre are sufficient. Per lb 50c, 10 lbs \$4.50.

EARLY YELLOW SOY BEAN

The Soy bean is coming right to the front as a great soil enricher, as a food for hogs and cattle, both in the green and dry state. It has remarkable qualities for it will draw from the air and return to the earth just the nourishment and properties you are looking for. Price—lb 20c, 10 lbs \$1.50.

TEOSINTE

(Reana Luxurians)

In appearance, it somewhat resembles Indian Corn, but the leaves are much larger and broader, and the stalk contains sweeter sap. It stools out enormously after being cut. Sow in May or June, at the rate of three pounds per acre, in drills four feet apart. Per oz 10c, ½ lb 30c, lb \$1.00.

NEW SIBERIAN OR RUSSIAN MILLET

A wonderfully productive forage plant from Russia, which has given excellent results. It is extremely hardy and about two weeks earlier than German Millet, growing about four feet in height. Hay and fodder are very nutritious and much liked by all kinds of stock. Sow in May or June, ½ bushel to 1 bushel per acre. Lb 20c, 3 lbs 50c, peck 50c, bush \$3.00.

BARNYARD MILLET

(Hog or Broom Corn Millet)

A valuable forage plant grown extensively in all parts of the United States. It grows 6 to 8 feet high and yields 12 to 20 tons per acre of excellent fodder, relished by all kinds of stock. Sow in May or June, broadcast 10 to 12 lbs per acre or in drills, 8 lbs per acre. Price per lb 15c, 10 lbs \$1.25.

MAMMOTH RUSSIAN SUNFLOWER

An excellent and cheap food for fowls. They eat it greedily, fatten well on it, better than on almost any other food. It can be raised cheaper than corn. Every farmer should plant some of the seed in any waste piece of ground. Four quarts of seed will plant an acre. Large pkt 5c, lb 25c, 10 lbs \$2.00.

EARLY AMBER SUGAR CANE

This is the sorghum grown largely in the Northern States; makes the finest quality of syrup. The earliest and most productive variety. Height 10 to 12 feet. For ensilage or fodder purposes its qualities are of the best; much relished by all kinds of stock. Sow 4 quarts in drills and 8 quarts broadcast to the acre. Pkt 5c, lb 20c, 5 lbs 90c, 10 lbs \$1.50.

GRASSES

NOTE—FOR GENERAL SEEDING sow one third Clover and two-thirds Timothy. This produces hay of excellent feeding quality for stock in general. Write us for prices on any mixture wanted for hay or permanent pasture.

A GOOD REFERENCE BOOK—"Clovers and How to Grow Them," Thomas Shaw, price \$1.00.

For Lawn Grass Mixtures see inside cover page.

The greatest care is exercised in the selection of our Grass and Clover Seeds.

Choice samples are the cheapest, sow further and are the most satisfactory in the end.

Where prices are not quoted, they will be furnished with samples on application.



Canadian Blue Grass

Creeping Bent or Florin (*Agrostis stolonifera*)—A variety similar to the Red Top Grass, somewhat slower in growth. Lb 50c, 10 lbs \$4.50.

Crested Dog's Tail or Comb (*Cynosurus cristatus*)—Well suited for lawns from its readiness to take root and its dense compact habits. Lb 50c, 10 lbs \$4.50.

Hard Fescue (*Festuca duriuscula*)—Thrives in a great variety of soils, and resists the effects of drought well; from its fineness of foliage it is well adapted for lawns or sheep pastures. Lb 40c, 10 lbs \$3.50.

Honey or Meadow Soft (*Holcus lanatus*)—It grows 3 feet in height, and is suitable for all soils. While no variety suits better for lawns it is of no use for cattle, as they will scarcely touch it. Lb 40c, 10 lbs \$3.75.

Italian Rye (*Lolium Italicum*)—A biennial variety of rapid growth, succeeding well in all kinds of soil; well adapted for mixing with white clover for lawns; it is indispensable for an early crop of green feed. Lb 25c, 10 lbs \$2.40, 100 lbs \$23.00.

Kentucky Blue or Smooth-Stalked Meadow (*Poa pratensis*)—It sends up flower stalks 1½ feet high only once in the season; it is therefore less adapted for hay than for early and permanent pastures. For water meadows it is one of the best. Lb 40c, 10 lbs \$3.75, 100 lbs \$35.00.

Meadow Fescue (*Festuca pratensis*)—A highly valuable species for permanent grass lands; it does not, however, attain to its full productive power until the second or third year, when it exceeds most other sorts in the quantity of its produce and nutritive matter; it is relished by live stock, both in hay and pasture. Sow 40 lbs to the acre. Lb 40c, 10 lbs \$3.75, 100 lbs \$35.00.

Meadow Foxtail (*Alopecurus pratensis*)—One of the best grasses for permanent pastures, being early and rapid in growth; does best in rich, moist soil. Lb 60c, 10 lbs \$5.75.

Orchard (*Daactylis glomerata*)—Though a rather coarse grass, yet this variety is of such early and rapid growth, that it is valuable as a pasture grass on light soils. It should be used as a green feed exclusively, because when old and dry, or made into hay, neither horses nor cattle are fond of it. Lb 40c, 10 lbs \$3.75, 100 lbs \$35.00.

Western Woots Rye Grass—This new introduction differs from Italian Rye Grass in that it is an annual plant of much more rapid growth and produces a far greater weight of feed. If sown on good soil and top-dressed with nitrate of soda it may be cut five or six times during the summer. Especially valuable as a green forage plant for summer feeding. Lb 40c., 10 lbs \$3.75.

AWNLESS, or HUNGARIAN BROME (*Bromus Inermis*). The Great Forage Grass of North-West Territories and B.C.—It can be raised on almost all kinds of soil and in any climate. It gives a luxuriant crop particularly on fresh sandy loam soil, and where the climate is warm. It is found that animals eat it greedily, whether in the green or in the dry state, so that it can be used as mown or saved for winter use. Lb 40c, 10 lbs \$3.75, 100 lbs \$35.00.

CANADIAN BLUE (*Poa compressa*). Hardest Grass in Cultivation—It is an excellent grass for dry, sandy thin soils and banks, and for covering the surface of rocky soils, and upon all soils that are affected seriously by long-continued droughts. Lb 20c, 10 lbs \$1.90, 100 lbs \$18.00.

Perennial or English Bye (*Lolium perenne*)—One of the best grasses adapted for producing a bulky crop of hay with or without clover, producing three or more years' pasture Lb 20c, 10 lbs \$1.90, 100 lbs \$18.00.

Red Meadow Fescue (*Festuca rubra*)—An excellent variety, suitable for lawns exclusively, on account of its creeping nature, not growing over 1 foot in height, requiring little mowing, and forming so thick a turf as to suffer few intruding plants. Lb 50c, 10 lbs \$4.75, 100 lbs \$45.00.

Red Top, Fancy, Perennial, (*Agrostis vulgaris*)—A hardy, permanent grass of rather low growth, succeeding in almost any soil, and well adapted for pasture land. Lb 30c, 10 lbs \$2.75, 100 lbs \$26.00.

Rhode Island Bent (*Agrostis Canina*)—Resembles Red Top, but of dwarfer habit with shorter, narrower leaves. Makes a beautiful close fine turf and one of the very best grasses for lawns. Sow fifty pounds to the acre for lawns. Lb 60c, 10 lb. \$5.75.

Sheep's Fescue (*Festuca ovina*)—A dwarf variety not over 6 inches in height, it has a fine sweet foliage, well adapted to the masticating organs of sheep, and for producing delicate mutton, but totally unfit for hay. It is, however, an excellent grass for lawns, requiring little mowing. Lb \$1.00, 10 lbs \$9.50.

Sweet Vernal (*Anthoxanthum odoratum*)—For a mixture with pasture grasses it is valuable on account of its vernal growth for meadows, its chief merit is the fragrant odor, which the leaves emit when dry, thus sweetening hay; it is a vegetable condiment rather than a nutritious grass. Sow 25 lbs to the acre. Lb 30c, 10 lbs \$7.50.

Tall Meadow Oat (*Avena elatior*)—A bulky, tall productive grass, much relished by cattle. Well adapted for soiling. Lb 45c, 10 lbs \$4.25, 100 lbs \$40.

Timothy (*Phleum pratense*)—Market price variable. Lb 20c, 10 lbs \$1.80.

Water Meadow (*Poa aquatica*)—In flooded situations it grows luxuriantly and forms a rich pasturage in summer. Lb 65c, 10 lbs \$6.25.

Wood Meadow (*Poa nemoralis*)—Well adapted for woody lands; two feet high; forming valuable pasture. Lb \$1.00, 10 lbs \$9.50.

MILLET AND HUNGARIAN

Common Millet (*Panicum Milliicum*)—There are many varieties of Millet, but none used so extensively as the common variety. Lb 10c, 10 lbs 80c, bush of 48 lbs \$3.00.

Golden Millet—The true Golden Millet will grow in any climate or soil, and gives an enormous yield of most nutritious feed, and that without impoverishing the soil to any great extent. To get these results, it must be sown at the rate of one bushel per acre any time between May 1st and July 15th. The crop should be cut while it is in bloom. Managed in this way German Millet will prove a most satisfactory and profitable forage and summer hay crop, much relished by all kinds of stock. Lb 12c, 10 lbs \$1.00, bush of 48 lbs \$3.50.

Hungarian Grass (*Sectaria Italica*)—A most valuable, rapid growing variety of grass of annual nature, particularly well adapted for light ground, will yield an abundant crop, and when cut before seeding, produces hay much relished by all kinds of cattle. Market prices variable. Lb 15c, 10 lbs \$1.30, bush of 48 lbs \$4.00.

CAHOON BROADCAST SEED SOWER

A hand-machine very largely used. The quantity to be sown is easily regulated. It will seed evenly four or six acres an hour. It will scatter the following distances, Wheat, Barley, Rye, 52 feet; Clover and Timothy 18 to 20 feet. The bag and hopper hold about 22 quarts. Price, each \$5.50. Weight 5½ pounds.



Orchard Grass



Red Top Grass



Cahoon Seeder

CLOVERS

INOCULATE THIS
SEED WITH
MULFORD CULTURE

We will supply 20 lbs or over at the 100 lb rate, and 5 lbs or over at the 10 lb rate; for smaller quantities the lb price will be charged. The following prices are values at time of issuing this Catalogue, January 1st, and are subject to Market changes.

ALSIKE (Trifolium Hybridum) **Best Recleaned**—It is a perennial, therefore adapted for permanent pastures or for hay crop. Perfectly hardy; never heaves or throws in the winter, thrives equally well on wet or dry soil, through extreme drouth, or excessive rains. Sow six lbs per acre in spring

No. 1, "Monarch Brand," per lb. 40c., 10 lbs. \$3.75.

No. 2, "Royal Brand," per lb. 35c., 10 lbs. \$3.25.

SAINFOIN or ESPARSETTE (Hedysarum biflora) Double cutting—An excellent perennial Fodder Plant, growing to the height of about three feet. It is naturally adapted for light chalky soils, being an enriching, heat resisting clover, and may be sown either broadcast or drilled. It will require broadcast about 25 lbs per acre; if drilled 15 to 20 lbs. Per lb. 40c., 10 lbs. \$3.75.

Common Red (Trifolium pratense) **best recleaned**—Will succeed in any soil of moderate fertility.

No. 1, "Monarch Brand," per lb. 45c., 10 lbs. \$4.00, 100 lbs. \$38.00.

No. 2, "Royal Brand," per lb. 40c., 10 lbs. \$3.80, 100 lbs. \$36.00.

Mammoth Red or Late (Trifolium pratense perenne)—Of great value if sown upon exhausted land; grows from 5 to 6 feet, and highly recommended for ploughing under 'or manure.

No. 1, "Monarch Brand," per lb. 45c., 10 lbs. \$4.25.

No. 2, "Royal Brand," Per lb. 40c., 10 lbs. \$3.80.

Crimson or Carnation (Trifolium incarnatum)—Should be sown in the early summer, and will then make excellent pasture in the fall, the open winter and the spring. Per lb. 35c., 10 lbs. \$3.25.

White Dutch/ for Lawns (Trifolium Repens)—Most valuable in mixture for permanent pastures, forming with natural grasses the finest and most nutritious food for cattle and sheep.

Fancy "Monarch Brand," per lb. 70c., 10 lbs. \$6.75.

Choice "Royal Brand," per lb. 65c., 10 lbs. \$6.25.

Yellow Trefoil or Hop (Medicago Lupulus)—A prolific and hardy variety, is excellent for dry pastures; should not be sown alone. Per lb. 50c., 10 lbs. \$4.75.

Bokhara (Melilotus alba)—For bees. Of large and vigorous growth; blooms early in August; may be cut three times during the season excellent for soiling. Sow in spring at rate of 12 pounds per acre. Per lb. 45c., 10 lbs. \$4.25.

Lucerne or Alfalfa—A perennial and when once properly seeded in suitable soil produces fine crops for several years. It has a remarkably strong growth, and its cultivation is simple, requiring no more care and attention than a crop of ordinary red clover. The ground should be thoroughly mellowed by clean and careful tillage, the seed sown with any grain crop in the spring, at the rate of 10 or 12 pounds per acre, or sown alone at rate of 15 to 20 pounds per acre, and the second year it will become thoroughly established. Per lb. 40c., 10 lbs. \$3.75.

Alfalfa or Lucerne Clover

TIMOTHY (Phleum Pratense)

The most important agricultural grass, thriving best on rich soils, not suited to permanent pasture, but the best grass known here for hay. Sow 12 to 16 lbs per acre when used alone, when sown with Clover 6 to 10 lbs per acre.

"Monarch" Brand (equal to Government standard, No. 1, lb 20c, 10 lbs \$1.80, 100 lbs \$16.00.

"Royal" Brand, lb 19c, 10 lbs \$1.60, 100 lbs \$14.00.

GRASS MIXTURES

A large number of grasses, clovers, and grains have been tested at the Ontario Agricultural College, both singly and in combination, for the production of pasture. The following mixtures are some of the very best.

PASTURE MIXTURE FOR ONE YEAR

The following mixture will give an abundant supply of pasture from June till frost, and if desired the clover may be allowed to remain over winter and cut for hay the following season.

51 lbs. Oats. 7 lbs. Red Clover.
30 lbs. Early Amber Sugar Cane. Total 88 lbs. per acre.

The Oats come early, then the Sugar Cane, which stools well and thrives in hot weather, and the clover forms the principal pasture in the autumn.

PASTURE MIXTURE FOR TWO OR MORE YEARS

The following mixture is recommended for temporary pasture for two or more years. It can be sown in the spring, either with or without a grain crop.

6 lbs. Red Clover. 3 lbs. Meadow Fescue.
3 lbs. Alsike Clover. 3 lbs. Timothy.
3 lbs. Orchard Grass.

Total 9 lbs. Grasses and 9 lbs. Clovers per acre Total cost per acre \$7.00, per lb. 40c.

MIXTURE FOR PERMANENT PASTURE

The seed of this permanent pasture mixture can be sown in the early spring, either with or without a grain crop. It is better to follow some cultivated crop which has been carefully looked after during the previous season. If the seed is sown alone, the tops of the plants should be cut occasionally during the summer and allowed to lie on the ground as a mulch. If a nurse crop is used, about one bushel of barley or of wheat per acre is recommended. As a rule, oats do not form a good nurse crop for a permanent pasture mixture. The seed for the permanent pasture should be sown in front and not behind the tube drill. Some of the finer seeds can be sown from the grass seed box, and the others by hand.

4 lbs. Meadow Fescue, 4 lbs. Orchard Grass, 2 lbs. White Dutch Clover
2 lbs. Timothy, 3 lbs. Tall Oat Grass, 2 lbs. Alsike Clover,
2 lbs. Meadow Foxtail, 5 lbs. Lucerne Clover

Total 15 lbs Grasses and 9 lbs Clovers, being the quantities required for an acre. \$12.00 for 24 lbs; per lb 60c. If larger quantities are wanted, please write for prices.

LYMAN'S GRIMM ALFALFA

Experience has shown that the various brands of Alfalfa usually offered for sale are not sufficiently hardy to withstand the severe winters of this country. They may produce a good stand the first year, and occasionally will pull through the second year if the winter is not too severe, but only in very rare cases do they produce a permanent stand. Grimm Alfalfa has been tested at the various Experimental Stations with the most satisfactory results. The seed we offer is guaranteed to be the genuine Grimm Alfalfa, an affidavit to this effect having been received from the grower.

Price per lb. \$1.00, 10 lbs. \$9.50. Larger quantities price on application.

MULFORD CULTURES

FOR LEGUMES

Mulford Cultures contain pure, tested strains of active, vigorous nitrogen-fixing bacteria, for inoculating seeds of legumes or soil.

Mulford Cultures are prepared for

Alfalfa (Lucerne)	Red Clover	Garden Peas
Crimson Clover	Alsike Clover	Garden Beans
Sweet Clover	Sweet Peas	And others

Always specify on your order what crop you want to inoculate, as there is a different strain of bacteria for each legume.

Prices: 5 acre size \$5.00 (a dollar per acre), 1 acre size \$1.50, 1/4 acre size 65c, Small Size (supplied only in 4 varieties, for Garden Peas, Garden Beans, Lima Beans and Sweet Peas) 40c.

Cyclone Broadcast Hand Seed Sower

Will sow Clover, Timothy, Flax, Wheat, Oats and Millet perfectly and evenly and any desired amount per acre. Full instructions and directions on every machine. Price, \$2.25 Weight packed 5 lbs

Please allow for bags when remitting Cotton bags 40c each; linen bags 15c each.

TREE SEEDS

Deciduous and Evergreen; Ornamental,
Shade, Forest, Hedge and Fruit.

"Trees can be as easily grown from seed as the most common vegetable."—Fuller.

CULTURE OF TREE SEEDS—Sow early in the spring, in well prepared beds, about two inches deep. When the seeds begin to germinate cover the bed lightly with pine boughs to shade the young plants from the sun. When the plants are all up, the brush should be gradually removed, but replaced again before winter sets in. Let the plants remain in the beds for about two years, then transplant into rows two feet apart, having about twelve inches between each plant. Keep the ground clean, and when the plants are strong enough remove them to where they are intended to remain.

Apple Pips—Per oz 10c, $\frac{1}{2}$ lb 30c, lb \$1.00.

Arbor Vitæ, American (*Thuja Occidentalis*)—A small tree about 20 feet high; popular for hedges, screens, etc. Pkt 10c, oz 40c, lb \$4.50.

Beech (*Fagus Ferruginea*)—A noble forest and shade tree of graceful habit. Wood hard and excellent for many mechanical purposes. Pkt 10c, oz 15c, lb \$1.50.

Black Thorn (*Prunus Spinosa*)—Pkt 5c, oz 20c, $\frac{1}{2}$ lb 60c, lb \$2.00.

Black Walnut (*Juglans Nigra*)—Grows rapidly in good rich soil. The nuts should be planted in the fall. Lb 10c, peck 60c, bush \$2.00.

Caragana Arborescens (Siberian Pea Bush)—A hardy and very ornamental hedge plant, grown extensively in the Northwest. Pkt 5c, oz 25c, $\frac{1}{2}$ lb 80c, lb \$3.00.

Catalpa, Hardy Western (*Catalpa Speciosa*)—A handsome shade and ornamental tree of tropical appearance. Foliage large and luxuriant. Flowers borne in large panicles late in the

spring. In favorable locations it attains a height of 60 feet or more, it is a very rapid grower, is very hardy and has been tested up to 40 degrees north latitude. Wood very durable. Valuable tree. Per oz 20c, $\frac{1}{2}$ lb 75c.

Honey Locust (*Gleditsia*)—A well-known tree of ornamental and graceful appearance, extensively used for hedges. Pkt 10c, $\frac{1}{2}$ lb 40c, 1 lb \$1.50.

Maple Sugar (*Acer Saccharinum*)—A beautiful as well as a valuable rapid growing tree, preferring a calcareous soil. Pkt 5c, oz 20c, $\frac{1}{2}$ lb 60c, lb \$2.00.

Maple Manitoba—Quick growing, makes excellent wind break. Pkt 5c, oz 20c, $\frac{1}{2}$ lb 60c, lb \$2.00.

Mountain Ash (*Pyrus Americanus*)—Much cultivated for ornament for which its fine foliage, clusters of white flowers and red berries eminently qualify it. Pkt 10c, oz 15c, $\frac{1}{2}$ lb 40c, lb \$1.50.

Spruce, Norway (*Picea Excelsa*)—A very popular hedge, evergreen extensively used for sheltering and for screens. Pkt 10c, oz 25c, lb \$3.00.

Osage Orange (*Maclura Aurantiaca*)—A well-known hedge plant, native of the Southern State. Pkt 10c, oz 25c, $\frac{1}{2}$ lb 80c, lb \$3.00.

Pear Seed—Pkt 10c, oz 20c, $\frac{1}{2}$ lb 65c, lb \$2.40.

Pine Austrian (*Pinus Austriaca*)—One of the most popular pines, being very hardy and ornamental. Grows very rapidly and to a great height. Pkt 5c, oz 25c, $\frac{1}{2}$ lb 80c, lb \$3.00.

Pine Scotch (*Pinus Sylvestris*)—One of the most rapidly growing species of pines, very suitable for screens for the protection of orchards or buildings. Pkt 5c, oz 25c, $\frac{1}{2}$ lb 80c, lb \$3.00.

Pine, Sugar (*Pinus Lambertiana*)—This magnificent tree grows to the height of 300 feet, and endures the cold of the North-West without injury. Pkt 10c, oz 40c, $\frac{1}{2}$ lb \$1.25.

Quince (*Cydonia Vulgaris*)—Small irregular trees, bearing an excellent fruit for preserve and jellies. Pkt 5c, oz 30c, $\frac{1}{2}$ lb \$1.00, lb \$3.00.

Russian Mulberry—A variety of Mulberry brought by the Menonites from Russia, and as it grows to the height of 30 feet in a few years, and stands the cold of the North-West, will no doubt become a standard for that country. Pkt 10c, oz 50c.

Collection of Tree Seeds for 65c.

One packet of each of Black Thorn, Honey Locust, Sugar Maple, Mountain Ash, Norway Spruce, Austrian Pine, Russian Mulberry—7 packets for 65c, by mail, postpaid.

STOCK FOODS

Dr. Hess' Stock Tonic—2 lb pkg 40c, 7 lb pkg \$1.00, 12 lb pkg \$1.50, 25 lb pails \$3.00.

Pratt's Animal Regulator—21 oz pkg 30c (postpaid 55c), 42 oz box 60c, 72 oz \$1.00, 12 lb pail \$2.00, 25 lb pail \$3.50.

Herbageum—4 lb pkg 60c, 100 lbs \$12.00.

Bitterlick, Tonic and Conditioner—In bricks, each 35c. Holders for same, each 35c.

FEED STUFFS

Flax Seed for feeding.....	50 lbs	\$5 50	100 lbs	\$10 00
Flax Seed Meal or Linseed Meal.....	"	5 50	"	10 00
Oil Cake, fine ground.....	"	2 00	"	3 50
Oil Cake, nutted.....	"	2 00	"	3 50
Rock Salt.....	Per ton	\$17.00	"	0 50 " 0 90

For prices of Oil Cake, etc., in quantities, write for prices.

BLATCHFORD'S CALF MEAL



The perfect Milk Substitute for raising Calves, 100 lbs of it make 100 gallons of Rich Nutritious Gruel. Calves can be raised on it alone without milk at all after they are a few days old and this can be done with no other milk substitute. Used with Separator Milk or Skim Milk it replaces the Butter Fats in same and makes them as nutritious as new milk. Even when whole milk is used, the feeding of Blatchford's Calf Meal with the milk builds up much finer, bigger and sturdier Calves in about half the usual time. 25 lbs \$1.75, 50 lbs \$3.25, 100 lbs \$6.00.

ROYAL PURPLE CALF MEAL

Is composed of grains scientifically prepared to make it a substitute for new milk. Only the best quality is used. A condiment is added to prevent and cure diarrhoea. If necessary, calves can be raised on Royal Purple Calf Meal without using a drop of milk. 25 lb bag \$1.75, 50 lbs \$3.25, 100 lbs \$6.00.

RELIABLE TABLE SHOWING THE QUANTITY OF SEED USUALLY SOWN UPON AN ACRE

Seeds	pounds per bushel.	Seeds	pounds per bushel.	Seeds	pounds per bushel	Seeds	pounds per bushel
Barley, broadcast, 48.....	$1\frac{1}{2}$ to 2 bus.	Clover, Lucerne or Alfalfa, 60.....	12 to 15 lbs.	Lawn Grass, 15.....	4 bus.	Radish in drills.....	8 to 10 lbs.
Beans, dwarf, in drills, 60.....	10 to 12 qts.	Corn in hills.....	10 to 20 lbs.	Melon, Musk, in hills.....	2 to 3 lbs.	Rye, broadcast, 56.....	1 to $1\frac{1}{2}$ bus.
Beans, Pole, in hills, 60.....	10 to 12 qts.	Corn, for fodder, 56.....	3 bus.	Melon, Water, in hills.....	2 to 3 lbs.	Spinach, in drills.....	10 to 12 lbs.
Beets, Table, in drills.....	6 lbs.	Cucumber, in hills.....	2 lbs.	Millet, 48.....	1 bus.	Squash bush varieties in hills.....	5 to 6 lbs.
Beets, Mangel-Wurzel.....	5 lbs.	Flax, broadcast, 56.....	1 to $1\frac{1}{2}$ bus.	Oats, broadcast, 34.....	2 to 3 bus.	Squash, running varieties in hills.....	3 to 4 lbs.
Buckwheat, 48.....	1 bus.	Grass, Kentucky Blue, 14.....	1 to $1\frac{1}{2}$ bus.	Onions in drills.....	4 to 5 lbs.	Tomato, to transplant.....	$\frac{1}{2}$ lb.
Cabbage in beds to transplant.....	$\frac{1}{2}$ lb.	Grass, Orchard, 14.....	1 to $1\frac{1}{2}$ bus.	Onion, for sets in drills.....	50 lbs.	Turnip, in drills.....	2 lbs.
Carrot, in drills.....	2 to 3 lbs.	Grass, English Rye, 14.....	1 to $1\frac{1}{2}$ bus.	Onion, sets in drills.....	8 to 12 bus.	Vetches, broadcast, 60.....	$\frac{1}{2}$ bus.
Clover, red, 60.....	12 to 15 lbs.	Grass, Red Top, 14.....	1 to $1\frac{1}{2}$ bus.	Parsnip, in drills.....	5 to 6 lbs.	Wheat, in drills, 60.....	$1\frac{1}{2}$ to $1\frac{1}{2}$ bus.
Clover, white, 60.....	6 to 8 lbs.	Grass, Timothy, 48.....	12 to 15 lbs.	Peas, in drills, 60.....	2 to 3 bus.		
Clover, Alsike, 60.....	8 to 10 lbs.	Grass, Hungarian, 48.....	$\frac{1}{2}$ to $\frac{3}{4}$ bus.	Potatoes, cut tubers, 60.....	8 bus.		
				Pumpkins in hills.....	$1\frac{1}{2}$ to 2 lbs.		

QUANTITY OF SEED REQUIRED FOR A SPECIFIED LENGTH OF DRILL

Asparagus.....	1 oz.—60 ft. of drill.	Carrot.....	1 oz.—150 ft. of drill.	Onion.....	1 oz.—100 ft. of drill.	Radish.....	1 oz.—100 ft. of drill.
Beet.....	1 oz.—50 ft. of drill.	Cucumber.....	1 oz.—50 hills.	Onion Sets.....	1 qt.—40 ft. of drill.	Salsify.....	1 oz.—50 ft. of drill.
Beans, Dwarf.....	1 qt.—100 ft. of drill.	Corn.....	1 lb.—100 hills.	Parsley.....	1 oz.—125 ft. of drill.	Spinach.....	1 oz.—100 ft. of drill.
Beans, Pole.....	1 qt.—150 hills.	Leek.....	1 oz.—100 ft. of drill.	Parsnip.....	1 oz.—150 ft. of drill.	Squash, Early.....	1 oz.—50 hills.
Cabbage.....	1 oz.—2,000 plants.	Lettuce.....	1 oz.—150 ft.	Peas.....	1 qt.—100 ft. of drill.	Squash, Marrow.....	1 oz.—20 hills.
Cauliflower.....	1 oz.—2,000 plants.	Melon, Water.....	1 oz.—30 hills.	Pepper.....	1 oz.—1,000 plants.	Tomato.....	1 oz.—1,500 plants.
Celery.....	1 oz.—4,000 plants.	Melon, Musk.....	1 oz.—50 hills.	Pumpkin.....	1 oz.—20 hills.	Turnip.....	1 oz.—150 ft. of drill.



Aster—Vick's Early Branching Rosy Red

ASTER—VICK'S EARLY BRANCHING ROSY RED

929 This is positively a new color in Asters which is not found in any other class. Years of development have been required to get the type fixed. The color is a beautiful rosy red with no trace of yellow or magenta. Plants are vigorous and branching, and the flowers are large, fairly loose with petals of medium width. Our customers will be greatly pleased with this new variety in combination with other colors and types offered elsewhere in this catalogue. Per pkt 35c.

THE CARDINAL CLIMBER

930 This distinct new Annual Climber is the result of a cross between the Cypress Vine and Ipomoea Coccinea. It is a strong and rapid grower, attaining a height of about 30 feet, with beautiful fern-like foliage, and literally covered with a blaze of circular, fiery cardinal-red flowers from mid-summer till frost. Flowers are about 1½ inches in diameter, and are borne in clusters of 5 to 7 blooms each. Pkt 15c, 2 for 25c.

"PRINCESS" PANSIES

931 A class of Pansy of erect habit, forming a compact, sheaf-like bush.

The blooms, which are produced very freely, are of the large blotched and frilled types, and show an extensive range of color. Pkt 15c.

ESCHSCHOLTZIA, GOLDEN WEST

(California Poppy)

932 A bright free-flowering plant of low spreading growth with finely cut silvery foliage. The Poppy-like flowers are bright yellow, with large rayed blotch of deep orange at the base of petals. Sow the seed where plants are to remain. Pkt. 10c, oz. 50c, ½ lb \$1.50.



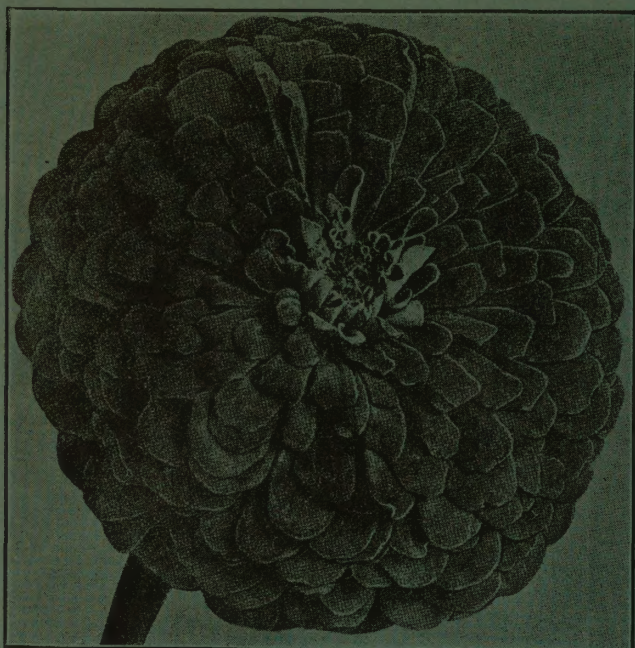
Cardinal Climber



Princess Pansies



Golden West
California Poppy



Giant Zinnias

PRIMULA OBCONICA GRANDIFLORA GIGANTEA

933 This strain is the finest yet introduced; of strong, vigorous growth, with immense heads of large individual blooms; it varies in color from pale lilac to rose. Mixed colors, pkt 50c.

DOUBLE PRIMULA OBCONICA

934 This is one of the most useful flowering plants. The flowers are of a soft lilac, pink, rose lavender or crimson and very charming. Pkt 25c.



New White Oriental Poppy

NEW WHITE ORIENTAL POPPY

935 A distinct shade in Oriental Poppies, being a pure satiny white with bold crimson blotch at the base of each petal. Like most hybrids the seedlings are liable to vary somewhat in color, but a good percentage may be expected to come true. Pkt 30c.

GIANT ZINNIAS

(Grandif. Robusta Plenissima)

This strain of Giant Zinnias produces flowers of immense size, measuring often 5 to 6 inches in diameter, semi-globular in shape and mostly very double. The plants are of robust habit, throwing up numerous flower stalks. Seed sown in the open ground will produce strong plants, which will thrive and bloom from early summer until killed by frost. Set plants from twelve to eighteen inches apart. We offer this strain in the following colors:—

936 White	940 Pink	943 Purple
937 Golden Yellow	941 Crimson	944 Violet
938 Scarlet	942 Pale Flesh	945 Flesh Pink
939 Orange		

Any color—Pkt 15c, 2 pkts for 25c.

ZINNIA ELEGANS DOUBLE

In addition to the colors offered in our general list, we are now able to offer the following distinct colors at 10c. per packet.

946 Deep Red	951 Salmon Rose	956 Crimson
947 Magenta	952 Flesh Pink	957 Jacqueminot, Blood Red
948 Orange	953 Apple Blossom	
949 Purple	954 Lilac	958 Black Knight, Purplish Black
950 Pink	955 Violet	

AFRICAN DAISY

(Dimorphothea Aurantiaca)

A free blooming annual, 12 to 15 inches high, particularly adapted for groups and borders. The flowers are about 2½ inches in diameter, somewhat resembling a Marguerite. The colors comprise various shades of white, yellow and orange, as well as a beautiful combination of colors.

959 Mixed Colors. Pkt. 15c.



MORNING GLORY,
NEW
DOUBLE WHITE

New Double Morning Glory

960 This new and distinct variety grows as vigorously as the common Morning Glory, the vines quickly reaching a height of twelve to fifteen feet. It begins to bloom early and continues to flower freely until frost. The flowers are most unique, consisting of a well-formed single flower, surrounded by numerous rows of petals, the whole forming a beautiful tassel-like flower, two to three inches across, of a beautiful snow-white color.

Pkt. 10c, oz. 50c.



Petunia, Century Prize Ruffled Giants

GIANT PETUNIAS

961 **Century Prize Fringed Ruffled Giants**—This exceptionally fine strain originated with the famous specialist of California, who some years ago sent out the California Giant and Ruffled Giant strains. It differs from the latter in having, in addition to the ruffling, a very fine fringed edging, making a very handsome flower. In size and coloring this strain is equal to the finest now in commerce, and must be regarded as a decided advance in this important flower. Pkt 25c.

962 **Giants of California, Mixed (Re-selected)**—A California strain of incomparable beauty, size and luxuriance. Most of the flowers are exquisitely fringed on the edges, and are of enormous dimensions (4 to 5 inches across) but their great merits lie in the wonderful varieties of colors, markings, veinings, blotchings and stripings. Pkt 25c.

GERBERA JAMESONII HYBRIDA

(ADNET'S HYBRIDS)

963 New hybrids of the half-hardy perennial "Scarlet Daisy" or "Marguerite of the Cape." Colors vary from pure white through various shades of yellow, orange, red, scarlet and crimson. The large Marguerite-like flowers are borne on long stiff stems making them particularly valuable for cutting. Pkt 35c.

IMPATIENS HOLSTII

NEW HYBRIDS MIXED

964 An excellent pot plant and equally useful for the open border. It is of very robust growth, bearing immense flowers of brilliant vermilion red, usually 6 or 8 on a stem. Pkt 35c.

COSMOS, NEW DOUBLE CRESTED

965 An entirely new race of Cosmos, which we consider one of the best flower novelties of recent years. The colors are similar to the old type, pink, white, and crimson, and they come into flower about the same time as the late flowering Cosmos. We do not claim that all the blooms come double but a fair percentage can be expected which, with their beautiful Anemone-like blossoms, are a wonder to look at and a real novelty in the garden.

Pkt 25c.

EARLY FLOWERING LONG SEASON SPENCER SWEET PEAS

These are offered for the first time this season, are the result of crosses made from the old Early Flowering or Christmas Grandiflora types on the late or Standard Spencer varieties. They are absolutely fixed, both as to type and color, that is to say the seed we offer will reproduce exactly according to description. We can offer in packets only.

966 **Early Morning Star**.—A deep orange scarlet or flame color with rich orange pink wings. Flowers are large and of best Spencer form. Pkt. 25c.

967 **Early Song Bird**.—A beautiful soft shade of pink; very profuse in bloom. Pkt. 25 25c.

968 **Early Melody**.—This may be described as rose pink on white ground. Flowers are borne on long stems, mostly four to a stem. Pkt. 25c.

969 **Early Spring Maid**.—A most attractive light pink on cream ground, very profuse. Pkt. 25c.

970 **Early Snowflake**.—Flowers large of best Spencer form, and pure white in color. Pkt. 25c.

971 **Early Heather Bell**.—The color is a rich mauve, but after standing in water becomes a beautiful mauve lavender. Pkt. 25c.

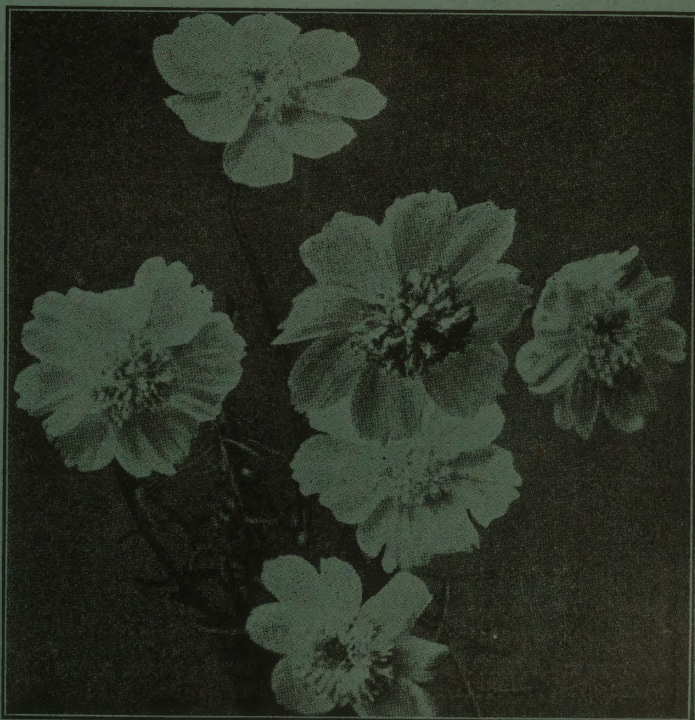
One package each of above six varieties for \$1.40.

NEW GIANT FLOWERING MARSHMALLOWS

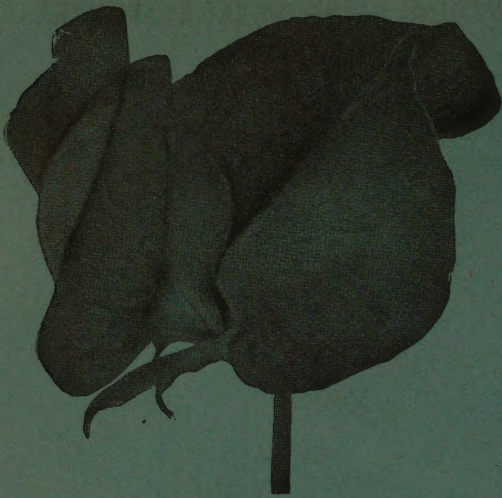
972 A wonderfully improved form of the well-known and much esteemed Marshmallow. Flowers are of enormous size, frequently ten to twelve inches in diameter, the colors comprising rich dark red, soft pink and pure white. The plants grow from five to eight feet high and bloom from July until late in autumn, perfectly hardy. Pkt 25c.

SCHIZANTHUS WISETONENSIS

973 The ground color is white, dotted with rose, with a spot on the upper lip varying in color between golden yellow and bright brown. It continues to bloom from six to eight weeks, and is specially suitable as a home pot-plant. Pkt 25c.



Double Crested Cosmos



Sweet Pea, Fiery Cross

SWEET PEA NOVELTIES FOR 1918

(Originator's Stocks)

974 **Fiery Cross**—A most appropriate name for a very distinct novelty. In color it is a scorching fire-red, without any shading. Flowers are beautifully waved and fluted, and freely borne on long stout stems. Pkt 25c.

975 **The President**—A wonderfully brilliant scarlet self. Flowers of large size, beautifully waved, and carried on long stiff stems. Pkt 25c.

976 **Hilary Christie**—The standards are salmon-orange, edged with fiery orange-scarlet; wings rosy salmon: a strong grower, of good size and form. Pkt 25c.

977 **Cherub**.—The ground color is deep creamy buff, or rich cream with a particularly bright picotee edge of red. Flowers are borne in threes and fours on long stems. Pkt 25c.

978 **Phantom Blue**.—So called from its unusual color, which is an opalescent blue marvelously blended with a tinge of delicate purple. The rich tone of blue comes up beautifully in water. Pkt 25c.

979 **Countess Spencer**.—This is the original parent from which the entire Spencer type has sprung. The color is soft rose-pink, which becomes deeper at the outer edge. Pkt 15c, 2 for 25c.

One packet each of above six varieties for \$1.25.

LARGE FLOWERING MORNING GLORIES

The seeds of the following varieties of Morning Glories should be soaked in warm water for 24 hours before planting.

980 **Brazilian**—The leaves are 8 to 12 inches across.

The flowers, which open in the morning, are 3 or more inches across, and of a beautiful rose color. Pkg 10c.

981 **Yellow**—The vines are literally covered with thousands of beautiful, pure yellow fragrant flowers. Pkt. 10c.

982 **Japanese Imperial Single Fringed**—Their exquisite beauty and size (from 4 to 6 inches across) command admiration. Pkt 10c, oz 40c.

983 **"Mikado" Japanese Morning Glories**—The flowers are streaked and mottled in all shades of purple. The leaves are handsome, some rich green, while others are streaked, and marbled with white and silver gray or yellow; the seeds germinate a little slower than those of the common Morning Glory. Mixed colors. Pkt 10c.

SPECIAL OFFER—One packet of each of the four Morning Glories 35c.

FLOWER SEED COLLECTIONS

25c. Simmers' Flower Seed Collection "A" Simmers' Flower Seed Collection "C" \$1.00

6 Pkts Choice Fresh Flower Seeds for 25c.

Containing beautiful varieties of easily grown annuals with full directions for their culture.

Double Imperial Pinks.
Morning Glory—Mixed.
Phlox.

Sweet Mignonette.
Tall Nasturtium—Mixed.
Sweet Peas—All colors mixed.

50c. Simmers' Flower Seed Collection "B"

Contains 13 Pkts of Choice Flower Seeds for 50c.

Candytuft—Mixed.
Double Pinks—Best Mixed.
Marigold—Double French.
Mignonette—Large Flowering.
Morning Glory—Mixed.
Nasturtium—Dwarf Mixed.

Phlox Drummondii—Mixed.
Poppies—All kinds mixed.
Snapdragon.
Sunflower—Very double.
Sweet Alyssum.
Sweet Peas—Mixed.

Tall Nasturtium—Mixed.

Contains 26 Pkts of Flower Seeds for \$1.00.

Alyssum, Sweet—Little Gem.
Balsam, Double—Mixed.
Calendula.
Canarybird Flower.
Candytuft.
Castor Oil Bean.
Chrysanthemum—Annual sorts.
Cosmos—Mixed.
Double Japan Pink—Best Mixed.
Eschscholtzia.
Gaillardia—Annual.
Gourds, Ornamental.
Marigold, Double—Mixed.

Mignonette.
Morning Glory.
Nasturtium—Tall mixed.
Nasturtium, Dwarf—Mixed colors.
Nasturtium, Tall—Lobb's mixed.
Petunia.
Phlox Drummondii—All colors, mixed.
Poppy—All kinds, mixed.
Portulaca—Mixed sorts.
Scabiosa—Mourning Bride.
Snapdragon.
Sunflower—Many kinds, mixed.
Sweet Peas.

Hardy Perennials—10 Packets for 75c.

75c. Gaillardia
Coreopsis.

Iceland Poppies.
Perennial Sweet Pea.

Larkspur.
Foxglove

Pentstemon.
Columbine.

Hollyhocks.
Double White Chrysanthemum.

We cannot permit any change in the composition of these collections.

SIMMERS' COLLECTIONS OF FLOWER SEEDS

984 Asters.....	Truffaut's Paeony Twelve Colors.....	\$0 75	991 Portulaca.....	Single.....	Six distinct brilliant colors	\$0 30
985 Asters.....	Victoria Double.....	60	992 Poppy.....	Double or Paeony flowered	Twelve superb varieties	50
986 Balsams.....	Camellia-flowered.....	60	993 Stocks.....	Large Pyramidal Globe Double	Ten weeks, ten colors	75
987 Hollyhocks.....	Chater's Prize.....	75	994 Stocks.....	Large Flowered, Pyramidal Globe Double	Six distinct colors....	40
988 Pansies.....	Large flowered spotted Twelve distinct varieties	1 00	995 Zinnias.....	Double.....	Six distinct colors..	40
989 Phlox Drummondii.....	Grandiflora.....	75				
990 Phlox Drummondii.....	Grandiflora.....	40				

In ordering Flower Seeds the running number only need be given with the year of publication of this catalogue.

“THE BEST FLOWER SEEDS”

In the growing and selection of our Flower Seeds, “Quality” has always been our first consideration, and we can safely recommend all seeds offered in this Catalogue as the best obtainable. Over sixty years’ experience has won for us the reputation of having the *Best Flower Seeds in Canada*.

Annuals attain full growth, bloom and die the first year from seed.

Biennials bloom the second year from seed and then die, though many, if sown early in the spring, will flower the first year.

Perennials usually bloom the second year from seed, and continue to grow and bloom for many years. Some will bloom the first year if sown early. **Full Cultural Directions for Sowing** are printed on each and every package.

ABOBRA

- 1 **VRIDIFLORA**—An extremely pretty tuberous climber of the Gourd tribe, with handsomely cut, glossy dark green foliage and small oval scarlet fruit, a perennial suitable for planting out during summer, forming beautiful garlands. The tubers have to be kept in a cellar or root house during winter. Per pkt, 10c.
- 2 **ABRONIA UMBELLATA**—Handsome trailing annual for edging, pretty pale rose flowers, similar to Verbenas. Per pkt, 5c.
- 3 **ABUTILON (Flowering Maple)**—Very free blooming greenhouse shrubs with handsomely varied and striped bell-shaped flowers; are very ornamental in flower beds. Will bloom the first season when sown early, 2 to 6 feet. Per pkt, 10c.
- 4 **ACACIA**—Decorative, greenhouse shrubs with elegant foliage, flowers yellow, white, or red, perennial. Mixed varieties. Pkt, 10c.
- 5 **ACHILLEA, Ptarmica (The Pearl)**—Hardy perennial, with double white flowers. Per pkt, 10c.

ACHIMENES

- Splendid plants for the greenhouse or conservatory, flowers all shades of white, crimson, blue, etc., and afford a blaze of beauty the whole summer.
- 6 **Achimenes Hybrida**. Per pkt, 25c.

ACROCLINIUM

- A beautiful class of half-hardy everlasting annuals, 1 ft. high; graceful border plants.
- 7 **Roseum fl. pl.**—Double pink flowers. Per pkt, 10c.
 - 8 “ **flore albo pleno**. Double white flowers. Per pkt, 10c.

ACONITUM (Monkshood)

- Showy hardy perennials, four feet high, growing in any good soil, even under the shade of trees.
- 9 **Aconitum Napellus**—Bright blue and white flowers. Per pkt, 10c.



Abronia Umbellata. Pkt, 5c.

AGATHÆA

- 13 **Blue Daisy or Marguerite**—Hardy annual, blooming profusely with daisy-like flowers of a beautiful shade of blue, with golden-yellow centre; invaluable. Per pkt, 10c

AMMOBIUM (Winged Ammobium)

- 14 **Alatum Grandiflorum**—A half-hardy everlasting biennial, flowering the first year, double white with yellow centre. Per pkt, 5c.

AGROSTEMMA (Crown of the Field)

- Free-flowering hardy annuals or perennials; flowers pink, in different shades; very pretty, like single pinks; height one to two feet; time of flowering from June to August.
- 15 **Agrostemma Cœli Rosa** (Rose of Heaven)—Annual. Per pkt, 10c.
 - 16 “ **Hybrida Splendens** (Rose Champion)—Deep crimson. Per pkt, 10c

AMARANTHUS

Plants grown exclusively for their foliage, and in late summer and early fall, when they have reached their fullest development, the glowing effect produced by their mass of rich foliage is scarcely equalled by any class of plants. They succeed in any soil.



Amaranthus Tricolor. Pkt, 5c.

- 17 **Atropurpureus**—Hardy annual, 3 feet in height, drooping flower plumes, heart-shaped metallic tinted leaves. Pkt, 5c.
- 18 **Caudatus** (Love Lies Bleeding)—Hardy popular annual, 2 feet in height. Pkt, 5c.
- 19 **Melancholicus Ruber**—Half-hardy annual, 2 feet high, with rich blood red foliage. Pkt, 5c.
- 20 **Monstrosus** (Prince of Wales Feather)—A hardy popular annual of pleasing effect, 2 feet in height. Pkt, 5c.
- 21 **Salicifolius** (Fountain Plant)—2 to 3 feet in height, of branched and pyramidal growth. Pkt, 5c.
- 22 **Tricolor** (Joseph's Coat)—Half-hardy annual, 1½ feet high, foliage beautifully marked, yellow, red and green, very showy. Pkt, 5c.
- 23 **Tricolor Splendens**—An improved variety of the preceding, the foliage being more distinctly marked. Pkt, 10c.

AGERATUM

Very useful half-hardy annuals for borders and bouquets, flowers very regular, height one to two feet, except the Tom Thumb kinds which are not over 6 to 12 inches in height; prevailing color, bright lavender blue.

- 24 **IMPERIAL**—Dwarf White. Per pkt, 10c.
- 25 “ **Dwarf Blue**—Pkt, 10c.
- 26 “ **Cope's Pet**—Lovely azure blue; eight inches high. Per pkt, 10c.
- 27 “ **Tom Thumb**—Large flowering rose. This beautiful variety forms bushy compact plants about 12 inches high bearing large trusses of rose-colored flowers in such abundance as to almost cover the plant; Desirable for pot culture, or as a basket or vase plant. Per pkt, 10c.
- 28 **Mexicanum**—Lavender blue. Per pkt, 5c.
- 29 **Mexicanum**—White. Per pkt, 5c.



Ageratum—Tom Thumb—Rose. Pkt, 10c.

Simmers' Superb Double Asters

"How to Grow Asters"

A Booklet published by J. A. Simmers, Limited, price 10c. or Free with 50c. orders for Aster seed, when asked for.

Note.—The Aster seed we offer is grown for us in Europe by careful and experienced growers who have made a specialty of Asters, and selected localities where the climate is best suited for their proper development. We could buy much cheaper seed elsewhere, but prefer to pay the higher price and know that the quality is such as will give satisfaction.

Collections

Truffaut's Pæony flowered Asters, one packet each of twelve colors, 75c.
Improved Victoria Asters, one packet each of ten colors, 60c.

Comet Aster.
Pkt, 10c.

Truffaut's Pæony-Flowered Double Aster. Pkt, 10c.

TRUFFAUT'S PÆONY-FLOWERED

One of the handsomest and most ornamental sorts. The plants, which are very vigorous, grow from 18 to 24 inches high; the flowers are borne on long, wiry stems and are very large, from 3 to 4 inches in diameter, very double, and in shape like a Pæony. The colors are both bright and delicate, and altogether, this Aster is nearly perfection.

30 Glowing Crimson.....Pkt 10c	35 Pure White.....Pkt 10c
31 Dark Blue and White.....Pkt 10c	36 Violet and White.....Pkt 10c
32 Light Blue.....Pkt 10c	37 Purple.....Pkt 10c
33 Pale Red and White.....Pkt 10c	38 Mixed Colors.....Pkt 10c
34 Bright Pink.....Pkt 10c	

QUEEN OF THE MARKET

Blooms three weeks earlier than other Asters, of branching habit, excellent for growing under glass. 1 foot.

39 White.....Pkt 10c	42 Crimson.....Pkt 10c
40 Light Blue.....Pkt 10c	43 Mixed Colors.....Pkt 10c
41 Rose.....Pkt 10c	

SIMMERS' IMPROVED VICTORIA

Undoubtedly one of the most handsome Asters in cultivation, of which we have an excellent strain. Flowers are large and perfectly double, of globular shape and beautifully imbricated; plants are of fine pyramidal form. 1½ feet high.

44 Pink.....Pkt 10c	46 Purple.....Pkt 10c
45 Scarlet.....Pkt 10c	47 White.....Pkt 10c
48 Mixed Colors.....Pkt 10c	

HOHENZOLLERN ASTER

Of the Giant Comet type, but the flowers are larger and produced in greater abundance, and the petals are more beautifully curled. Their long stiff stems make them invaluable for cutting.

49 White.....Pkt 10c	52 Dark Blue.....Pkt 10c
50 Pink.....Pkt 10c	53 Light Blue.....Pkt 10c
51 Delicate Rose.....Pkt 10c	54 Mixed.....Pkt 10c

GIANT COMET

A distinct improvement on the old inferior Comet Aster, resembling the Japanese Chrysanthemum in shape of flowers; the petals are very long and beautifully curled.

55 Pink.....Pkt 10c	57 Light Blue.....Pkt 10c
56 Pink and White.....Pkt 10c	58 Pure White.....Pkt 10c
59 Crimson.....Pkt 10c	

60 **The Bride**—A variety of the Giant Comet type. The flowers, on opening, are of purest white, changing as they become older to a beautiful shade of rose; a most unique transformation. Pkt, 10c.
61 **Mixed Colors**—Pkt, 10c, 3 pkts 25c.

GIANT BRANCHING ASTERS

The plants form strong, robust bushes about two feet high, bearing profusely on long, strong stems, handsome Chrysanthemum-like flowers, many being over six inches in diameter. The flowers have none of the stiffness usual to most Asters, making them particularly desirable, as cut flowers. They come into flower from two to three weeks later than most sorts, filling the gap between the general run of Asters and Chrysanthemums.

62 Pure White.....Pkt 10c	66 Bright Crimson.....Pkt 10c
63 Shell Pink.....Pkt 10c	67 Purple.....Pkt 10c
64 Lavender Blue.....Pkt 10c	68 Mixed Colors.....Pkt 10c
65 Pale Yellow.....Pkt 10c	

One packet each of any five colors for 35 cents.

DWARF QUEEN

This splendid Aster makes dwarf bushy plants about 10 inches high, of compact habit of growth, producing a great number of double flowers.

69 White.....Pkt 10c	71 Light Blue.....Pkt 10c
70 Crimson.....Pkt 10c	72 Dark Blue.....Pkt 10c
73 Mixed Colors.....Pkt 10c	

EARLIEST PARISIAN

The earliest of all by nearly three weeks. Plants are dwarfed and very branching, blooming very freely; very double flowers, borne on very long stems, rendering them of exceptional value for cutting.

74 White.....Pkt 10c	75 Rose.....Pkt 10c
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"CREGO" ASTER

The nearest approach to a Chrysanthemum of any flower grown. The flowers are large, the petals very long, curled and twisted. The plants are vigorous, of branching habit, producing their flowers on long stiff stems.

76 White.....Pkt 10c	77 Shell Pink.....Pkt 10c
77a Mixed.....Pkt, 10c.	

OSTRICH PLUME

78 Plants 15 to 18 inches high and of strong branching habit, the flowers measuring 4 to 5 inches in diameter and borne on long stems. The petals are long, wavy and so twisted as to give an extremely beautiful effect. Mixed colors. Pkt, 10c, 3 for 25c.

SNOWBALL or "PRINCESS WHITE"

79 The best dwarf white Aster. The beautiful shape of the snow-white flowers and the free-flowering habit of the plants are unequalled in any other dwarf Aster. Pkt, 10c, 3 for 25c.

SPECIAL OFFER

For those wishing a succession of Asters during the season we offer the following four varieties:—**QUEEN OF THE MARKET**, Mixed, early. **PÆONY FLOWERED**, Mixed, medium. **VICTORIA**, Mixed, medium. **GIANT BRANCHING**, Mixed, late. 1 Packet of each for 35 cents.



Hohenzollern Aster

ASTERS — Continued**VARIOUS ASTERS**

- 80 **DWARF LARGE PÆONY-FLOWERED ROBUST**—Most valuable, being constant in growth, with handsome foliage and large, beautifully formed flowers, brilliant colors; mixed. Pkt, 10c.
- 81 **Daybreak**—Globe-shaped flowers of beautiful shell-pink color. A magnificent variety either for bedding or for cut flowers. Per pkt, 10c, 3 pkts, 25c.
- 82 **Enchantress, Pink**—Flowers large and double, of delicate pink color. Pkt, 10c.
- 83 **VIOLET KING**—The flowers are very large. Its color is a soft violet lilac. Pkt, 10c.
- 84 **Mikado Pink Rochester**—Beautiful shell pink. Pkt, 10c.
- 85 **Cardinal**—Deep, vivid cardinal, distinct. Pkt, 10c.
- TRIUMPH**—A very dwarf Paeony Flowered Aster, valuable for either bedding or pot culture, very free bloomer.
- 86 **Scarlet**. Pkt, 10c. 87 **White**. Pkt, 10c.
- 88 **PURITY**—Similar to "Daybreak" but with pure white flowers. Pkt, 10c, 3 for 25c.
- 89 **YELLOW "SUNLIGHT"**—This variety resembles in growth and form of flower the Paeony Perfection type, and is said to be the first really yellow variety introduced. Pkt, 10c, 3 for 25c.
- 90 **Miss Roosevelt**—Of the Improved Victoria type, large double flowers, the color being a blending of primrose and flesh-pink. Pkt, 10c.
- 91 **"Mignon" Mixed**—The mixture contains light blue, lilac, rose, carmine, and crimson varieties in addition to the fine white one. Per pkt, 10c.
- 92 **Washington**—Pure white, flowers 4 to 5 inches in diameter, and of perfect form. Free bloomer. Per pkt, 10c.
- 93 **China**—Double-quilled Chinese Asters; 1 to 2 feet; in mixed colors. Oz., 75c, pkt, 5c.
- 94 **Chrysanthemum-Flowered Double Dwarf**—Of very compact growth, very abundant; later than other varieties, therefore valuable for succession; 1 foot, mixed colors. Pkt, 10c.
- 95 **Crown or Cockade**—Large flowers with two colors, the centre being white; height 1½ feet; mixed colors. Pkt, 10c.
- 96 **Giant Emperor**—Beautiful class, large double flowers, mixed colors. Pkt, 10c.
- 97 **JAPANESE GIANT ASTERS**—Plants of pyramid growth, about 18 inches high, bearing on long stems from 40 to 50 flowers, averaging 5 inches across, composed of wavy and twisted needle-shaped petals, making the flowers free from the stiff and formal appearance usual to Asters. Mixed colors. Pkt 10c, 3 pkts 25c.
- 98 **SIMMERS' EXCELSIOR MIXTURE OF TALL DOUBLE ASTERS**—This mixture is composed of the choicest of all the tall double sorts including our best named varieties. Pkt 10c, 3 pkts 25c, ½ oz 40c.
- 99 **SIMMERS' EXCELSIOR MIXTURE OF DWARF ASTERS**—Where not desired for an even bed or border we would recommend the planting of our Excelsior Mixture. It consists of the most distinct and lovely colors from all the above Dwarf Asters. Pkt 10c, 3 pkts, 25c, ½ oz 40c.

ASTER SEED BY WEIGHT

Victoria —In separate colors.....	per one-eighth oz.	60c
" All colors mixed.....	" "	50c
Truffaut's Paeony-Flowered —In separate colors....	" "	60c
" All colors mixed.....	" "	50c
Dwarf Chrysanthemum-Flowered —All colors mixed	" "	50c
Comet Mixed	" "	50c
Giant Branching —In separate colors.....	" "	40c
" " Mixed.....	" "	30c

ALYSSUM

Free flowering, pretty little plants for beds, edging or rock work. The annual variety blooms the whole summer, and the perennial is among our earliest and most attractive spring flowers.

- 100 **Sweet Alyssum**—White fragrant flowers, hardy annuals, 6 inches. Per pkt, 5c, oz, 30c.
- 101 **Little Gem**—Of dwarf compact habit, 3 to 5 inches in height, each plant covering a circle 15 to 30 inches in diameter. Flowers when quite small, and is a solid mass of white bloom from spring until late autumn. Pkt, 5c, ½ oz, 25c, oz, 40c.
- 102 **White Carpet**—(Compactum procumbens)—Only two or three inches high. A profuse bloomer, showing as many as 300 heads of snow white flowers at one time on one plant. Annual. Pkt, 10c.
- 103 **Saxatile Compactum**—Golden yellow, shining, hardy perennial, nine inches high. Pkt, 10c.

ALONSOA (Mask Flower)

Handsome bedding plants, succeeding well in any garden soil, freely producing flowers of great brilliancy; half-hardy annual.

- 104 **Linifolia**—Scarlet flowers, fine feathered foliage. Pkt, 10c.

ALOYSIA (Lemon-scented Verbena)

- 105 A popular perennial, deciduous greenhouse shrub known as the Lemon Scented Verbena, Aloysia Citriodora (Verbena Citriodora). Pkt, 10c



Giant Branching Aster. Pkt, 10c

AMPELOPSIS

- 106 **Veitchii** (Boston Ivy)—One of the best climbing plants for permanent situations, as it is perfectly hardy, clings to the sides of what ever it may be growing against by the rootlets which it throws out along the stems. Grows 50 to 100 feet high. Pkt, 10c
- 107 **Quinquifolia** (Virginia Creeper)—It clings to stonework, trees, etc. and is a splendid plant for covering unsightly objects; it attains a height of 50 feet. Perfectly hardy. Pkt, 10c. See Plant List for large well-grown plants.

ANAGALLIS (Pimpernel)

Pretty little trailing, hardy annuals, flowering profusely in summer; used with advantage for small beds, edgings, rustic baskets, vases or rock-work.

- 108 **Grandiflora**—Scarlet, blue and carmine mixed. Pkt, 10c.

ANCHUSA

Showy hardy perennials, with intense blue flowers of the form of Forget-me-not, continuing in bloom for a long time.

- 109 **Italica Dropmore Variety**—Three to five feet high. Pkt, 10c.

ANGELONIA

Pretty hot-house plants with fine musk-like scent; suitable for windows

- 110 **Floribunda Grandiflora**—Pkt, 15c.

ARABIS (Rock Cress)

Remarkably early-flowering dwarf plants for rockeries, flower beds, edgings, etc. Continuously in bloom from early spring until frost sets in; height 9 inches; hardy perennial.

- 111 **Alpina**—Per pkt, 10c.

ARCTOTIS GRANDIS—The African Lilac Daisy

A handsome new annual, forming profusely branched bushes of about 2 to 2½ feet in height and breadth. The leaves are soft and whitish. Its flower heads, borne on long stems and rising well above the foliage, are pure white on the upper surface, reverse of petals pale lilac.

112 Pkt, 10c, 3 for 25c.

FLOWER SEED BY WEIGHT

We carry large stocks of Flower Seeds and can furnish any quantity desired of any sort. Send us your list for estimate.



Little Gem Alyssum. Pkt. 5c.

TALL GIANT ANTIRRHINUM (Snapdragon)

Giant Tall Snapdragon

These handsome and profuse flowering plants have long been favorites in our gardens. They are of very easy culture, even in rather dry locations, growing sturdily and producing quantities of flowers throughout the summer and autumn, from spring-town seed.

- 113 **Firefly** — Scarlet, white throat. Pkt 10c.
- 114 **Brilliant** — Scarlet, golden and white. Pkt 10c.
- 115 **Crescia** — Fine deep scarlet Pkt 5c.
- 116 **Kermesina Splendens** — Deep rose. Pkt 10c.
- 117 **Luteum** — Yellow. Pkt 10c.
- 118 **White** — Pure snow white. Pkt 10c.
- 119 **Venus** — Pink and White. Pkt 10c.
- 120 **Tall Mixed** — Pkt 10c.

LARGE FLOWERING DWARF ANTIRRHINUM (Snapdragon)

- Compact, thrifty, bushy plants. For low flower beds and edgings they are charming subjects, and for pot culture they are scarcely of less value.
- 121 **Golden Queen**—Pure yellow. Pkt 10c.
 - 122 **Queen of the North**—White. Pkt 10c.
 - 123 **Victoria**—White and red, very fine. Pkt 10c.
 - 124 **Atrococcineum**—Deep scarlet. Pkt 10c.
 - 125 **Dwarf Large Flowering, Mixed**—Pkt 10c.

SPECIAL OFFER—One packet each of the four varieties, large flowering Dwarf Snapdragons, 35c.

AQUILEGIA

(Columbine)

Highly ornamental hardy perennials, combining at once flowers of the most curious form with colors most striking and beautiful; height from 2 to 3 feet; seed germinates very slowly.

- 126 **Stellata, fl., pl.** Star-like double flowers, different colors, mixed. Pkt 10c.
- 127 **Vulgaris, fl., pl.** double flowers, showy, different colors, mixed. Pkt 5c.
- 128 **Chrysantha** (Golden spurred) — Bright golden yellow, 3 feet. Pkt 10c.
- 129 **Chrysantha Alba** (White spurred) — A beautiful pure white variety. Pkt 10c.

- 130 **Single and Double varieties mixed.** Pkt 15c.

Aquilegia or Double Columbine, Pkt 5c.

ARISTOLOCHIA (Dutchman's Pipe)

- 131 **Sipho or Bonplandi**—An exceedingly beautiful and interesting rapid-growing deciduous hardy perennial climber, flowers in shape resembling a tobacco pipe. Pkt 10c.

ARABIAN PRIMROSE (Summer Flowering)

- 132 **Arnebia Cornuta**—A charming annual, growing in bushy form about two feet high, and about the same in breadth; flowers over three-quarters of an inch across, and of a rich primrose yellow, marked with live black spots. Pkt 10c.

ASPARAGUS

- 133 **Plumosus Nanus**—This plant possesses the advantage of being very graceful, its foliage being finer than that of the most delicate fern, and will last for weeks after being cut, the whole plant being of a bright cheerful green. It is an excellent house plant, succeeding under almost any conditions. Pkt 10c, 3 for 25c.

- 134 **Sprengeri**—A pot plant for decorative purposes or for planting in suspended baskets. It will make an excellent house plant, as it withstands dry atmosphere and will succeed in almost any position. We consider this one of the best house plants introduced in many years. Pkt 10c, 3 for 25c.

ARMERIA (Thrift, Sea Pink)

- 135 **Formosa Rosea**—Commonly known as Thrift; hardy perennial of low growth, rosy flowers of long duration, like Everlastings; the plants are very useful for edging borders or rockeries. Pkt 10c.

ASPERULA (Woodruff)

- 136 **Azurea Setosa**—A hardy annual of easy culture in any soil, and of most valuable qualities, with verbena-like umbels of azure blue flowers, height 1 foot. Pkt 10c.
- 137 **Odorata** (Waldmeister)—A hardy perennial, one foot in height; the small branches of fragrant white star-like flowers appear in May and June. Pkt 10c.

AURICULA

- 138 **Variegated**—Very beautiful dwarf, hardy perennial, succeeds best in northern aspect not exposed to the sun; choice quality. Pkt 10c.

BALLOON VINE (Love in a Puff)

- 139 A rapid-growing, handsome summer climber, small white flowers, seed vessels resemble small balloons; 10 to 15 feet high. Pkt 10c.

BARTONIA

- 140 **Aurea, or Golden Bartonia**—A favorite hardy annual with showy brilliant yellow flowers; of easy culture. Pkt 5c.

BEEET (Ornamental)

The ornamental-leaved Chilian Beets are among the most useful of the decorative foliage plants. For ribbon beds or groups they are very effective.

- 141 **Red Chilian**—Scarlet ribbed. Pkt 10c, oz 30c
- 142 **Yellow Chilian**—Golden Yellow. Pkt 10c, oz 30c.
- 143 **Dracæna-Leaved**—Brilliant dark red foliage. Pkt 10c.

BRACHYCOME (Swan River Daisy)

Neat dwarf half-hardy annual, 6 inches high, flowers similar to the Cinerarias.

- 144 **Iberidifolia**—Blue. Pkt 5c. 145 **White**—Pkt 5c.

BEGONIA

Plants may be had in flower the first season from seed sown in February or March in a temperature of 60°. Set out in beds as soon as the ground becomes warm. Keep tubers over winter in dry sand.

- 146 **Giant Single Tuberous Rooted**—Finest mixed varieties. Pkt 25c.
- 147 **Giant Double Tuberous Rooted, Mixed.** Our seed has been specially selected and will produce the highest possible percentage of double flowers. Pkt 35c.

Tuberous rooted Begonia Bulbs. See page 70.

- 148 **Gracilis "Prima Donna"** large, rose, shaded carmine. Pkt 25c.
- 149 **Gracilis Luminosa**—Large bright scarlet flowers and satiny reddish-brown foliage. Pkt 25c.
- 150 **Pearcei**—A magnificent tuberous variety, bright golden color. Pkt 25c.

- 151 **Rex Hybrids**—Ornamental-leaved varieties. Pkt 25c.
- 152 **Vernon**—Brilliant orange carmine; constant bloomer; a good bedder. Pkt 10c.
- 153 **Semperflorens, Double Mixed**—The seed here offered has been saved from one of the best collections in Europe. Pkt 25c.
- 154 **Semperflorens, Single Mixed**—This mixture contains all the best varieties, ranging in color from pure white to the deepest crimson; splendid. Pkt 10c.

BELL FLOWER—(See Campanula). **BLEEDING HEART**—(See Dielytra)

BOCCONIA

- 155 **Japonica**—A hardy, perennial foliage plant of pleasing effect among shrubbery, 5 to 6 feet. Pkt 5c.

BROWALLIA

- 156 **Elata** — Blue, Pkt 10c.
- 157 **Elata**—White. Pkt 10c.
- 158 **Ræzlii** — Blue yellow centre. Pkt 10c.

CACALIA

- 159 **Mixed.** Pkt 10c.

CALANDRINIA

- 160 **Grandiflora** — Deep pink. Pkt 10c.

CACTUS

- 161 Many varieties; extra choice mixed. Pkt 10c.



Begonia Semperflorens Single



Browallia Elata. Pkt 10c.

BALSAMS

Balsams or Lady Slippers are old favorites with everyone, owing to their handsome double flowers, brilliant colors and stately growth.

162 Simmers' Invincible Camellia-Flowered Double Mixed—We have no hesitancy in pronouncing this strain the **FINEST** in cultivation. The flowers are very large, measuring from two to three inches in diameter, of perfect form, resembling the flower of the Camellia, and are as double. Height two feet; mixed. Pkt 10c, 3 pkts 25c.



Calendula, Double Large Flowering, Sulphur Yellow. Pkt 10c.



Calceolaria Hybrid Maculata



Calliopsis Mixed. Pkt 10c.

163 Dwarf Spotted Double—One foot in height; flowers abundantly, quite distinct. Finest mixed, Pkt 10c.

164 Solferino Double, or Carnation Striped—Finest Mixed—Distinguished by the flowers being striped and streaked with lilac and scarlet on satin-white ground. Pkt 10c.

165 Camellia-Flowered Perfection White (Queen's White)—Flowers pure white, of immense size and solidity. Pkt 10c.

Collection of Camellia-Flowered Balsams—One pkt each, ten very fine colors, 60c.

CALENDULA (Pot Marigold)—A showy free-flowering genus of hardy annuals, producing a pretty effect in mixed borders, and growing freely on any soil.

166 Orange King (Prince of Orange)—Very large double flowers of a dark orange red. Pkt. 10c.

167 Double Large Flowering, Sulphur Yellow—A light yellow variety of this favorite annual, compact habit, large well-filled flowers. Pkt 10c, 3 for 25c.

168 Pongei fl. pl.—Double white. Two feet high. Pkt 10c.

169 Ranunculoides fl. pl.—Double flowering dwarf orange. Pkt 10c.

CALCEOLARIA (Lady's Slipper)—A most magnificent early-flowering class of indoor or hardy greenhouse plants treated as biennials, with remarkably showy, interesting flowers, mottled and spotted in endless varieties of shade.

173 Hybrida Maculata (James' Giant Strain)—Beautiful variety with spotted or mottled flowers. highly improved. Half pkt 25c, regular pkt 50c.

174 Hybrida Shrubby or Perennial—For bedding out, bright yellow flowers. ½ pkt 25c, pkt 50c.

CALIFORNIA GOLDEN BELLS **175 Emmanthe Pendulifera**—An annual bushy plant, 9 to 12 inches high, each branch is loaded with broad bell-shaped flowers, about one-half inch long, of creamy yellow color. Pkt 10c.

CAMPANULA (Canterbury Bells)—Bellflowers, when well-grown, are among the most attractive of hardy perennial plants, from the rich profusion of bell and saucer-shaped flowers in blue, white or flesh-colors.

176 Medium Single Mixed—Two feet high; large single blue flowers. Pkt 10c.

177 Medium Double Mixed—Double flowering variety of the preceding, constant from seed. Pkt 10c.

178 Carpatia—Free flowering blue and white, mixed, continuing in bloom the whole season; hardy perennial; six inches. Pkt 10c.

179 Persicifolia Grandiflora (Mixed)—One of the finest of the Bell flowers, two or three feet high, with large single blue and white flowers. Pkt 10c.

180 Pyramidalis, blue—Three to five feet high, producing long spikes closely set with deep blue flowers. Pkt 10c.

181 Pyramidalis, white—same as preceding variety, but with white flowers. Pkt. 10c.

182 Macrostylis—A hardy annual, 15 inches high, forming a broad headed bush, surmounted with cup-shaped flowers, 1½ inches across, violet purple upon white ground. Pkt 10c.



Campanula

Cup and Saucer Varieties

Calycanthema. The finest type of this old and popular garden plant. The flowers are very large and grow in the form of a cup and saucer. We offer the following colors:

183 Striped. **184 Blue.** **185 Pink.** **186 White.** **187 Mixed Colors.**
Pkt 10c, 3 for 25c.

188 Simmers' Prize Mixture—All colors of single and double; also cup and saucer, unsurpassed. Pkt 15c.

CALLIOPSIS or COREOPSIS Showy, free flowering, hardy annuals, indispensable in any collection, adapted for bouquets.

189 Double Yellow—Double golden-yellow, with maroon spots. Pkt 10c.

190 Bicolor Tinctoria—Very desirable hardy annual, 1 to 1½ feet, yellow flowers, dark centre. Pkt 10c.

191 Cardaminæfolia, Hybrida—Of more dwarfish habit than the preceding, dark brown. Pkt 10c.

192 Golden Wave—Very showy sort, bright golden-yellow flowers, dark centre. Pkt 10c.

193 Mixture of all the desirable sorts. Pkt 10c.

194 Coreopsis Lanceolata—(Golden Coreopsis)—One of the finest hardy plants, large, showy bright golden-yellow flowers freely produced on long stalks from June till frost. Hardy perennial, 3 feet. Pkt 10c.

CALLIRHOE **195 Pedata**—A half-hardy annual of the Mallow tribe with large deep rosy flower. produced in abundance during the whole summer, of easy culture, height 2 feet
Pkt 10c.



Simmers' Invincible Camellia-Flowered Double Balsams. Pkt 10c.



Canary Creeper or Canary Bird Flower

CANARY CREEPER

(or Canary Bird Flower)

196 A well-known, pretty, favorite creeping annual, with bright yellow flowers shaped like a bird with partly extended wings, running up to 8 or more feet in height, in light, rich soil; it may be treated as a hardy or half hardy annual. Per pkt 10c, oz 30c.

CANDYTUFT (Iberis)

Hardy annual or perennial, yielding an abundance of fragrant flowers throughout the whole season in almost any soil or situation; it is a well-known favorite for beds, edgings, pots, borders, etc., deserving to be cultivated in every garden.

197 **Empress**—One of the finest varieties in cultivation. It is intermediate in height between the old Rocket and the newer Tom Thumb sorts. The plant is of a very branching habit, and when fully grown and covered with its large trusses of pure white flowers, resembles a floral candelabra. Do not sow too thickly. Per pkt 10c, 3 pkts 25c, 1 oz 30c.

198 **Candytuft, White Rocket**—Pkt 10c, oz 30c.

199 **Scarlet (or Carmine)**—One foot high. Pkt 10c.

200 **Purple**—One foot high. Pkt 10c.

201 **Snowflake White**—One foot high. Pkt 10c, oz 30c.

202 **Mixed**—All colors. Per pkt 5c, oz 20c.

203 **Dwarf Hybrids Mixed**—This is a very choice mixture of dwarf growing Candytuft with flowers candelabra shaped, in a large variety of colors, very attractive and well worthy of a trial. Pkt 10c, 3 for 25c.

204 **Iberis Tenoreana, Perennial**—A half-hardy perennial shrub, 1 foot high, white fragrant flowers, for indoor culture. Per pkt 10c.

205 **Iberis Gibraltaria, Perennial**—A beautiful hardy perennial, about 1 foot high, specially adapted for rockeries, baskets, etc. Coming into flower early in the spring. It is a very profuse bloomer and in color is pure white, shading off to delicate lilac. Pkt 10c, 3 for 25c.



Empress Candytuft. Pkt. 10c.

CANNA or INDIAN SHOT

Very stately and highly ornamental plants, with large, broad massive foliage, and rich crimson, scarlet or yellow flowers. When planted in groups or masses they impart a tropical aspect to the garden. They are half-hardy and produce fleshy roots, which, if taken up and kept in a cellar, may be divided every spring and used like Dahlias for years.

206 **Crozy's Gladiolus Flowered**—This distinct class, of dwarf, compact habit, produces flowers similar to the Gladiolus, but excelling them in brilliancy, marking and variety of colors, embracing all shades. They are valuable for groups, solitary plants and for house decoration. They will bloom the first year from seed. Per pkt 10c, 1 oz 30c.

207 **Choice Mixed, Old Varieties**, red and green foliage. Pkt 10c

CENTROSEMA GRANDIFLORA (Butterfly Pea)

208 A perfectly hardy perennial vine of rare beauty, which blooms in July from seed sown in April, and bears in great profusion inverted pea-shaped flowers ranging in color from a rosy violet to a reddish purple with a broad feathery white mark through the centre, the buds and back of the flowers being pure white. Pkt 10c.

CASTOR OIL BEAN (Palma Christi)

Most favorite stately growing hardy annuals; from their tall growth and fine foliage well suited for decorating shrubberies or lawns.



Castor Oil Bean—Zanzibariensis.

209 **Zanzibariensis**—A species of wonderfully vigorous growth. Plants grow from 10 to 15 feet high. Leaves have a brilliant lustre, measure about 30 inches across, and in different plants range from bright green with green stems to deep bronze with dark red stems. Mixed varieties. They are sure to please all. Pkt 10c, oz 30c.

210 **Cambodgiensis**—They grow from 6 to 8 feet high in a few weeks, with large, palm-like leaves of a bronzy red maroon color with large red veins. The leaf stems and younger growth are of rich reddish brown, while the main stem or trunk is of ebony black, the foliage in the sunlight glitters as if highly burnished. Pkt 10c, oz 30c.

211 **Borbonienseis Arboreus**—Immense green foliage, 15 feet. Pkt 10c, oz 30c.

212 **Gibsoni**—Dark purple stems and leaves, 5 feet. Pkt 10c, oz 30c.

213 **Sanguineus**—A distinct variety, with beautiful brownish-red foliage and bright seed pods; very effective; 6 feet high. Pkt 10c, oz 30c.

214 **Mixed**—In many sorts. Pkt 10c, oz 30c.



Cineraria Hybrid Grandiflora Maxima

CINERARIA

215 **Hybrida Grandiflora Maxima**—Simmers' Prize Strain—A popular class of indoor or greenhouse plants, yielding abundance of bright tinted flowers early in spring in great variety of shades. Cinerarias grown from our strain of seed have been greatly admired on account of their large flowers and distinct colors. Our strain of Cineraria cannot be surpassed either for size of flowers or beauty of color, many of the blooms measuring 2½ inches in diameter. We have received very flattering reports from florists and private gardeners of their success with our Cineraria seed. All desiring the best should obtain our strain. Mixed, half pkt 25c, regular pkt 50c.

216 **Hybrida "Matador"**—An entirely new and distinct color in Cinerarias, the large flowers being of a brilliant scarlet. Pkt 50c.

217 **Hybrida, double flowered**—Representing every shade of color, unquestionably one of the best of recent introduction. Half pkt 25c, regular pkt 50c.

218 **Stellata (Star Cineraria)**—An exceedingly decorative pot plant, bearing in immense umbels, quantities of medium-sized, star-shaped flowers. Mixed colors. Pkt 35c.

BEDDING CINERARIA

219 **Maritima**—A hardy perennial extensively used for bedding purposes on account of the silvery, finely-fringed foliage. Pkt 5c.



Cineraria Hybrid Matador

SIMMERS' CARNATIONS

"Carnation," "Pink," "Clove Pink," "Florist's Pink" are names applied by different people to the same or to different plants of several species as well as to hybrids between them. They are all easily grown from seed and very free blooming; the flowers being bright colored and with a most delicious clove-like fragrance. Some of the varieties are very desirable for the professional florist and make fine house plants for the amateur. Others do best in the open ground and are among the most desirable of garden plants. Half-hardy perennial.

220 **Extra Choice Double**—Mixed, saved from rich collection of named varieties, which will produce splendid flowers. Per pkt 25c.

221 **Fine Double**—Mixed, sweet-scented sorts. Pkt 10c.

222 **Chabaud's Everblooming**—The plants are of even height, as if trimmed, healthy and vigorous, the stalks stiff as wire, the flowers large, very double, deliciously sweet and in the largest and most charming color variations. These also bloom in four months from the time the seedlings are up. Pkt 15c, 2 for 25c.

223 **Remontant, Perpetual Flowering, or Tree**—Flowering almost constantly during the season, and in winter, if kept indoors. Seeds from extra choice double flowers. Per pkt 25c.

224 **Early Dwarf Grenadin**—For yielding a quantity of double flowers for cutting there is no carnation that can equal it. Flowers salmon-red and sweet-scented. Pkt 10c.

225 **Marguerite**—Plants are of dwarf, compact and neat habit. They flower most abundantly, and throughout the whole year. Eighty per cent. of the flowers are very double, never burst and embrace a great variety of colors. The seedlings bloom in four months from planting and by making repeated plantings flowers can be had all winter. Pkt 10c, 3 for 25c.

For Carnation plants see page 75.

CHRYSANTHEMUM

Showy and effective garden favorites, extensively grown for cut flowers. The hardy annuals are summer flowering border plants; good for pot culture, and quite distinct from the autumn flowering variety.

Annual Varieties

226 **Inodorum "Bridal Robe"**—Compact growing annual, upright habit, ten inches high, flowers extra double white. Pkt 10c.

227 **Coronarium**—Two feet, double white and yellow mixed. Pkt 5c.

228 **Single Mixed**—One to two feet. Per pkt 5c, ½ oz. 30c.

Carnation Chabaud's Everblooming

229 **Eclipse**—Golden yellow with purplish-scarlet ring and dark brown disc. Pkt 10c.

230 **Dunnetti**—Three-colored flowers, very pretty. Per pkt 10c.

Perennial Varieties

231 **Shasta Daisy**—The first of all Moonpenny Daisies, flowers very large and perfect. Pkt 15c. Strong plants, each 20c, 3 for 55c.

232 **Grandiflorum Frutescens**—"The Marguerite" or "Paris Daisy." Tender perennial. It produces freely white star-like flowers. Pkt 10c, 3 for 25c.

233 **Inodorum Plenissimum**—Double, snow-white, very free-flowering and fine for cutting. A perennial flowering the first year from seed. Pkt 10c.

234 **Japanese Hybrids**—The seed here offered has been saved from blooms that have been carefully hybridized, and may be expected to produce some rare novelties in this popular flower. Chrysanthemum seed sown in spring will produce vigorous flowering plants by fall. Per pkt 20c.

CLEOME

(Spiderwort)

Very pretty, half-hardy, fragrant annuals, two feet high, flowers somewhat resemble a spider.

235 **Purpurea**—Purplish blue flowers. Pkt 10c.

236 **Pungens** (Giant Spider Plant)—A showy robust growing plant, 4 to 5 feet high, producing long curious spikes of flowers of a bright rose color. Pkt 10c.

CENTRANTHUS

237 **Macrosiphon**—Showy, low growing, hardy annuals, suitable for any ordinary garden soil. One foot. Mixed colors. Pkt 10c.

CLARKIA

A genus of hardy annual plants of great

elegance and beauty, succeeding well in any soil, and flowering freely in many shades of color.

238 **Mrs. Langtry**—The petals have an even edge, the color of the flowers being purest white, with an evenly defined centre of carmine crimson. Pkt 10c.

239 **Double and Single Varieties**—Mixed. Per pkt 10c.

CLINTONIA

240 **Pulchella**—Elegant, tiny, half hardy annual, 6 to 8 inches high, sky-blue flowers, with white centre. Best grown in pots or in hanging baskets. Pkt 10c.

CLEMATIS

(Virgin's Bower)

These hardy perennials are most rapid growing climbers, producing an abundance of interesting, sweet-scented and showy flowers.

241 **Flammula**—Sweet-scented, white flowers. Per pkt 10c.

242 **Jackmanii Hybrids**—A rapid climber with flowers of large size, blue, white and purple, mixed. Pkt 10c.

243 **Paniculata** (Japanese Virgin's Bower)—A fine climber abundantly covered from top to bottom with pure white fragrant flowers and pretty red seed pods. Pkt 10c, 3 pkts 25c.

CERASTIUM

(Snow in Summer)

244 **Biebersteini**—A dwarf hardy perennial plant with white foliage and a profusion of small white flowers. Fine for edging or ribbon bedding. Per pkt 10c.

245 **Tomentosum**—Very pretty perennial dwarf white leaved edging plant, bearing small white flowers. Pkt 10c.



Cobæa Scandens. Pkt 10c.

CLIANTHUS

(Glory Pea of Australia)

246 **Dampieri**—A splendid half-hardy shrub 2 feet high, with large clusters of brilliant scarlet flowers, marked with a black blotch in the centre. If sown early will flower outdoors the first year. Per pkt 10c.

COBÆA SCANDENS

(Cathedral Bells)

Elegant rapid-growing climber, 20 to 30 feet high, that can be grown in the greenhouse or conservatory, or in the garden in summer, where from their luxuriance they are particularly desirable for covering arbors, walls, etc. Flowers large and bell-shaped.

247 **Purple**—Per pkt 10c, ½ oz 20c.

248 **White**—Per pkt 10c.



Chrysanthemum Coronarium. Pkt 5c.

CENTAUREA

(Corn Flower or Bachelor's Button).

Showy, free flowering, hardy annuals, succeeding well in any kind of soil.

249 *Americana*—Lilac flowers, 3 feet high. Pkt 10c.250 *Depressa* (King of Blue Bottles)—Deep blue flowers, one foot high. Pkt 10c.251 *Double*—In addition to the doubleness of the flower, this strain contains a number of new shades. Pkt 10c.252 *Simmers' Imperial Blue*—Bright blue, fine. Pkt 10c.253 *Cyanus* (Blue Bottle)—Different colors mixed, 2 feet high. Pkt 10c.254 *Odorata*—Reddish lavender, highly fragrant. Pkt 10c.**ROYAL SWEET SULTANS**

(Centaurea Imperialis)

The beautiful sweet-scented artistic-shaped flowers are borne on long, strong stems, and when cut will stand for several days in good condition. Of easy culture, sow early in the spring. We offer the following distinct colors:

**Centaurea Suaveolens****Centaurea Imperialis****Centaurea Cyanus**

- | | |
|--------------------------------|-------------------------------|
| 255 Pure White.....Pkt 10c | 258 Deep Lavender.....Pkt 10c |
| 256 Delicate Lilac.....Pkt 10c | 259 Dark Rose.....Pkt 10c |
| 257 Brilliant Rose.....Pkt 10c | 260 Deep Lilac.....Pkt 10c |
| 261 Mixed. Pkt 10c, 3 for 25c. | |

262 *Marguerite*—One of the handsomest Sweet Sultans. The plants grow about fifteen inches high and the flowers are of the purest white, exquisitely fragrant. Pkt 10c, 3 for 25c.263 *Chameleon*—Its flowers are large, and of a pale sulphur-yellow, changing into pink. Pkt 10c, 3 for 25c.264 *Suaveolens* (Yellow Sweet Sultan or Grecian Cornflower)—Bright golden yellow flowers, height 1½ feet. Pkt 10c.**WHITE-LEAVED CENTAUREAS (Dusty Millers)**

Fine for bedding, vases, hanging baskets, and pots, also extensively used for borders. Sow the seed from December to April.

265 *Gymnocarpa*—Fine cut silver-gray foliage, 1½ feet. Per 1,000 seeds, 60c, pkt 10c.266 *Candidissima*—Silvery white, leaves broadly cut. Per 1,000 seeds 60c, pkt 10c.**Coleus****COLEUS**267 *Hybridus*—Beautiful ornamental foliage plants both for hothouse and bedding out during the summer; the broad oblong leaves being of a deep crimson brown color, edged with green, yellow or salmon color or mottled in a most picturesque manner. **Simmers' finest mixture, Pkt 25c.****COCKSCOMB (or Celosia)**

Splendid half-hardy annuals, generally known. To grow them to perfection they should be planted in the richest compost, in a sheltered position.

268 *Cristata*, tall—Mixed colors. Pkt 10c.269 *Cristata*, dwarf—Mixed colors. Pkt 10c.270 *President Thiers*, Glasgow Prize or Tom Thumb—A fine dwarf variety, with dark leaves and crimson combs. Pkt 10c, 3 for 25c.**FEATHERED VARIETIES**271 *Thompson's Superb* (Triomphe de l'Exposition)—Pyramidal in growth, attaining a height of a little more than two feet, and producing beautiful large spikes of the most brilliant crimson. In sunlight the rich color of the flower spikes is beautifully contrasted with the bronze-colored foliage. Pkt 10c.

272 "Castle Gould"—Immense flower heads, resembling willow plumes, mixed colors. Pkt, 25c.

Feathered or Ostrich Plume—This feathered Celosia produces very large plumes which are exquisitely curved and curled in exact resemblance of an ostrich feather. The plant grows about three feet high, is of handsome pyramidal form.

273 *Crimson*—Feathered. Pkt 10c.274 *Orange*—Feathered. Pkt 10c.275 *Mixed*—Pkt 10c.**Cockscomb Dwarf (President Thiers)****COCCINEA INDICA**

276 This is a remarkably pretty climber, foliage ivy-like, bright and luxuriant, never troubled with insects, and admirably adapted for trellises, arbors, etc. The small flowers are soon followed by numerous fruits two inches long, which turn to brilliant scarlet spotted with white. Half-hardy perennial—10 feet. Pkt 10c.

COLLINSIA277 *Bicolor, Mixed*—Very neat hardy annuals, one foot high, growing in any light soil. Flowers purple, lilac and white spotted. Pkt 10c.**COLUMBINE** (See Aquilegia).**COSMOS**

One of the most showy and useful of garden annuals. The foliage is very finely cut and the flowers, which are borne on long delicate stems, are excellent for cutting.

EARLY FLOWERING278 *White* (Dawn). Pkt 10c.279 *Pink*. Pkt 10c.280 *Crimson*. Pkt 10c.281 *Mixed*. Pkt 10c.**LATE FLOWERING**282 *Lady Lenox*, Pink. Pkt 10c.283 *Lady Lenox*, White. Pkt 10c.284 *Yellow* (Klondyke). Pkt 10c.285 *Pure White*, "Pearl." Pkt 10c.286 *Mixed*. Pkt 10c.**Early Cosmos****COLLOMIA**287 *Coccinea*—Hardy annual, about 18 inches high, scarlet flowers neat in bouquets, grown in any light soil. Pkt 10c.**CONVOLVULUS (Dwarf Morning Glory)**

Very popular, hardy trailing annuals, flowering in different shades of brilliant blue and purple, with white centre, until late in autumn.

288 *Minor Mixed*—They are covered with flowers from June until late in fall. The only annual that equals it in freedom of bloom is the Godetia. The flowers are about the same size and shape as the tall or climbing Morning Glory. Many colors mixed. Pkt 5c, oz 20c.289 *Double Flowering*—Flowers variegated, semi-double, but not very constant from seed. Pkt 10c.290 *Mauritanicus*—A hardy trailing perennial, sky-blue flowers, 1½ inch diameter. Pkt 10c.**Dwarf Morning Glory**

COWSLIP

291 *Primula Veris*—A well-known hardy, early-flowering perennial, appropriate for edging borders; flowers bright yellow and fragrant. Pkt 10c.
 292 *Giant American Cowslip* (*Dodocatheon Clevelandi*)—It throws up stems of flowers fully one foot high, each surmounted by 6 to 10 large, beautiful, cyclamen-like flowers of violet blue, with yellow and black centre. It is a perfectly hardy and beautiful plant for particularly shaded situations. Pkt 25c.

CUCUMIS

293 *Flexuosus* (Snake Cucumber)—Fruit resembling a long green snake, upwards of seven feet in length, a great curiosity. Pkt 10c.
 294 *Perennis*, or *Perennial Gourd*—A rapid-growing, half-hardy perennial climber, handsome fruit. Pkt 10c.

CUPHEA (Cigar Plant)

Remarkable for their beauty, freedom of blossom, and ornamental appearance both in the greenhouse and in the arbor; admirably adapted for pot culture for blooming in winter.

295 *Platycentra* (Cigar Flower)—One foot high; intense scarlet flowers. Pkt 10c.

296 *Rœzlii*—Three feet high; brilliant scarlet flowers, blooming in winter. Pkt 10c.

CYCLAMEN

A graceful tuberous greenhouse or parlor plant with beautifully marked foliage and fragrant flowers.

297 *Persicum Giganteum*—Williams' white violet purple eye.....Pkt 15c
 298 " " Rose.....Pkt 15c
 299 " " Dark red.....Pkt 15c
 300 " " White.....Pkt 15c
 301 " " Simmers' Perfection, salmon.....Pkt 15c
 302 " " Mixed.....Pkt 15c
 303 " " Butterfly Fringed, splendid mixture of all varieties.....Pkt 25c

CYCLANTHERA

304 *Explodens*—Fast growing, hardy annual climber, fringed foliage, oval-shaped fruit. Pkt 10c.

CYPERUS (Umbrella Plant)

305 *Alternifolius*—A handsome foliage plant for the greenhouse or open ground; resembles an open umbrella frame. Pkt 10c.

CYPRESS VINE (*Ipomœa*)

306 *Cypress Vine* (*Ipomœa quamoclit*)—A beautiful annual climber bearing a profusion of star-shaped flowers. Scarlet and white mixed. Pkt 10c.

DAHLIAS FROM SEED

It is strange how few people know that Dahlias can be raised from seed and bloom the first year. The seed we offer is saved from the choicest varieties only, and if sown early will bloom profusely all summer.

307 *Double Cactus, Mixed*—The flowers are double and in a large variety of handsome and rich colors. A very early-blooming race. Pkt 10c, 3 for 25c.

308 *Double Mixed*—Pkt 10c, 3 for 25c.

309 *Dwarf or Lilliput Mixed*—Pkt 10c.

310 *Single Mixed*—Pkt 10c.

DAHLIA ROOTS SEE UNDER BULBS.

DAISY SHASTA SEE No. 226.

DOUBLE DAISY (*Bellis Perennis*)

The double Daisy is one of the prettiest dwarf hardy perennials in cultivation. It flowers the first year from being sown seeds from the finest double sorts.

311 *Longfellow*—Fine large flowering, dark rose flowers. Pkt 10c.

312 *Snowball*—A sport of that charming variety Longfellow which possesses the good qualities of its parents; long stem, free bloom and large double flowers, about 80 per cent. of which are extremely large and very snowy white, justifying its name. Pkt 10c.

313 *Pure White*—Double. Pkt 10c.

314 *Large Flowering Double Mixed*—Pkt 10c, 3 for 25c.

315 *SIMMERS' MAMMOTH MIXED*—For size of flowers and doubleness these have no equals. The flowers average 1½ to 2 inches in diameter, are very double, ranging in colors from snowy white to pink and blood-red, with the prettiest combinations of pink and white. Pkt 15c, 2 for 25c.



Dahlia Double Cactus Mixed
Pkt 10c.



Datura, Cornucopia. Pkt 10c.

DATURA (Trumpet Flower)

This genus forms part of our best showy plants both with respect to flower and foliage; flowers are trumpet shaped, almost six inches in length and are very fragrant, they are half hardy annuals.

321 *Double Golden Queen*—Large double flowers of a deep golden yellow, delightfully fragrant. Pkt 10c.

322 *Fastuosa Huberiana*—Mixed from large double flowers of various colors. Pkt 10c.

323 *Arborea Simplex* (*Brugmansia*)—Large, single trumpet-shaped white, fragrant flowers about 12 inches long; plant out in May. Pkt 10c.

324 *Cornucopia* (*Horn of Plenty*)—A grand variety, the flowers average 8 inches long by 5 across; French white inside, purple outside; delightfully fragrant; started early will flower from early summer until frost. Pkt 10c, 3 pkts 25c.

DRACÆNA (or Club Plant)

Palm-like plants, indispensable for decoration.

325 *Indivisa*—Grows easily from seed. Pkt 10c.

DRACOCEPHALUM (Dragon's Head)

326 *Moldavicum*—Annual, 2 feet high, blue flowers. Desirable hardy annual plants of low growth, of quite an agreeable fragrance, easily grown from seed. Pkt 10c.

DIGITALIS

(Fox Glove or Witch's Finger)

Well-known, showy tall, hardy perennials, with large spikes of beautiful bell-shaped flowers in different shades of purple and pink and white, height about 3 feet.

327 *Monstrosa* (Mammoth Foxglove)—The largest and best type, all colors, mixed. Pkt 10c.

328 *Gloxinaeflora*—Large flower spikes, beautifully spotted, mixed. Pkt 10c.



Digitalis or Foxglove. Pkt 10c

DICTAMNUS

Very pretty hardy perennials; the leaves have a pleasant smell like lemon peel when rubbed.

Fraxinella, or *Gas Plant*—The ordinary purplish pink form, while not showy, is stately and the white variety is really handsome. It has strong, fresh, pleasant lemon perfume, particularly so when you rub the flowers.

316 *Rosea*—Pink flowers. Pkt 10c.

317 *Alba*—White flowers. Pkt 10c.

DIELYTRA

318 *Spectabilis* (Bleeding Heart)—A beautiful hardy perennial, 2 to 3 feet high, feathered foliage, flowers lovely pink, drooping, heart-shaped, in numbers on slender stems. Pkt 10c.

DOLICHOS (Egyptian or Hyacinth Bean)

319 *Daylight*—One of the prettiest climbers and certainly the most beautiful among the Doliches or Hyacinth Beans. Of very rapid growth, growing to a height of fifteen feet by mid-summer. From the handsome foliage there springs out a wonderful profusion of large sprays or spikes of white pea-like blossoms. Pkt 10c, 3 pkts 25c, oz 30c.

320 *Darkness*—Both stems and under side of leaves are purplish red. Numerous long spikes of pea-like flowers, deep reddish violet. Per pkt 10c, per oz 30c.



Giant Cyclamen. Pkt 15c.



Simmers' Mammoth Dahsies. Pkt 15c.



Double Fringed Pink, *Dianthus Laciniatus*,
fl. pl. Pkt 10c.



Double Japan Pink, *Dianthus Heddewigii*,
fl. pl. Pkt 10c.



Dianthus or Pinks, Single Annual

DELPHINIUM (Larkspur)

All Larkspurs, whether of hardy annual or hardy perennial nature, are remarkable for their great beauty, diversity of shades and high decorative qualities. They also differ greatly in their habit of growth, some producing magnificent spikes of flowers, others again being dwarf and completely covered with flowers. Sow the seed early and they bloom freely the first year.

ANNUAL VARIETIES

329 **Blue Butterfly**—In this new Larkspur we have a combination of attractions. It is dwarf and compact, hardly reaching a foot in height. It has a bushy, yet branching habit, and the size of the blossoms is beyond anything we have ever seen in the old perennial varieties; its color is of the most intense blue yet found in any flower. Pkt 10c, 3 for 25c.

330 **Double Rocket**, (*Ajaxis* fl. pl.)—Two feet high with long spikes of various colored flowers. Pkt 10c oz 40c.

331 **Double Hyacinth Flowered**—1½ feet high, more compact in growth, flowers as fine as the preceding. Pkt 10c.

332 **Emperor**—Of symmetrical bushy habit, with a profusion of brilliant dark blue, red-striped and tri-colored flowers. Pkt 10c.

333 **Double Stock Flowered, Mixed**—The flowers are of great effect, and their principal merit consists in keeping their bright color even in a dry state. Pkt 10c.

334 **Consolida Candelabra**, fl. pl.—Double branching, of compact, pyramidal growth, 1 foot high; flowers in many colors, appearing in abundance in a candelabra-like outline. Pkt 10c.

HARDY PERENNIAL VARIETIES

335 **Cashmerianum**—A beautiful dark blue, blooms in corymbs of six or more; 15 inches. Pkt 10c.

336 **Zalil** (Hardy Yellow Larkspur)—Sulphur yellow plant of branching habit, bearing spikes of 40 to 50 blossoms each 1 inch in diameter, flowering from June until August, 3 to 4 feet. Pkt 10c.

337 **Formosum**—Two feet high; flowers in large spikes of exquisite blue and white. Pkt 10c.

338 **Pillar of Beauty** (*D. formosum coelestinum*)—An unusually pretty color—a delicate azure or sky blue, so bright and pretty a shade that it has to be seen to be appreciated. Pkt 10c.

339 **Belladonna** (Everblooming Hardy Larkspur)—Flowers turquoise blue. Pkt 20c.

340 **Nudicaule**—Of dwarf compact growth, producing flowers varying in color from light scarlet to crimson. Pkt 10c.

341 **Sinense**—Two feet high, flowering in loose clusters, sky blue, white or pink, excellent for bouquets. Pkt 10c.

342 **Perennial Hybrids**—Double and single mixed. Pkt 10c.

DIANTHUS or PINKS

A magnificent genus, combining some of the most popular flowers in cultivation, producing a great variety of brilliant colors and profusion of bloom. The hardy biennials and Japanese varieties bloom the first season, the same as hardy annuals, height one foot. The hardy perennial varieties are very fragrant and of easy culture in the garden or greenhouse.

SINGLE ANNUAL VARIETIES

343 **Crimson Belle**—Very fine, large rich crimson flowers. Pkt 10c.

344 **Eastern Queen**—Beautifully marbled, with broad bands of reddish lake upon petals, most valuable. Pkt 10c.

345 **Salmon Queen**—Its flowers are of a very distinct and perfectly new tint in this class. They are of the most brilliant salmon color imaginable, changing into a salmon-rose when fading. The flowers are well formed and nicely fringed. Pkt 10c, 3 pkts 25c.

DOUBLE ANNUAL VARIETIES

346 **Fireball** (new)—Brilliant scarlet, double. Pkt 10c.

347 **Imperial Pinks**—*Imperialis*, fl. pl.—About six inches high, in great variety of shades Pkt 10c, oz 50c.

348 **China or Indian Pinks**—*Chinensis*, fl. pl.—About 12 inches high, of robust growth, extra double flowers, in great variety. Pkt 5c, oz 40c.

349 **White Frill or Mourning Cloak**—Double flowers of large size, rich purple maroon, almost velvet black, edged white. Pkt 10c.

350 **Carnation striped, double China Pinks**—*Coronatus*, fl. pl.—Pkt 10c.

351 **Japan Pinks**—*Heddewigii Hybridus*, fl. pl.—Robust, growing exceedingly large, distinct, showy flowers. Pkt 10c.

352 **Double White Heddewigii**—Very large double white flowers. Pkt 10c.

353 **Diadem Pinks**—*Heddewigii Diadematus*, fl. pl.—Extremely double large flowering, beautiful shades. Pkt 10c.

354 **Fringed Pinks**—*Laciniatus*, fl. pl.—Very large double fringed flowers. Pkt 10c.

355 **Snowdrift**—1 foot high, large white flowers, very double. Pkt 10c.

HARDY PERENNIAL VARIETIES

356 **Single Sweet William**—*Barbatus*—One foot high, fine variety of colors, single mixed. Pkt 5c, per oz 30c.

357 **Double Flowering Sweet William**—*Barbatus*, fl. pl.—Brilliant variety mixed. Pkt 10c, per oz 60c.

358 **Plumaris**, fl. pl.—Double flowered, pheasant-eyed pink; exquisitely fragrant. Pkt 10c.

359 **Superbus Nanus**—Double white dwarf, an excellent and profitable variety for florists and for bedding out. Pkt 10c.

360 **Collection**—One pkt each, ten distinct varieties of *Dianthus*, annual, biennial and perennial, 75c.

ECHEVERIA

361 **Metallica**—A dwarf, succulent, greenhouse perennial, for bedding out during summer, with broad bronze fleshy leaves. Pkt 25c.



Annual Larkspur



Double Sweet William. Pkt 10c.

ESCHSCHOLTZIA (California Poppy)

Very showy hardy annual, flowering abundantly until very late in autumn, similar to poppies of dwarf growth, succeeding in any soil.

	Per Pkt.
362 Californica—Orange.....	5
363 Rose	10
364 White.....	10
365 Mandarin—Brilliant scarlet, distinct.....	10

ECCREMOCARPUS (Calampelis)

366 Scaber—A rapid-growing tender annual, with pretty foliage and clusters of handsome scarlet flowers.....	10
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ERYTHRINA (Coral Plant)

367 Crysta Galli—An ornamental, half-hardy perennial shrub, fine for outdoor summer decoration, with beautiful foliage and superb spikes of scarlet pea-shaped flowers; 5 feet high.....	10
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EUPHORBIA (Snow-on-the-Mountain)

368 Variegata—Half-hardy annual, 1½ feet high, showy, excellent for border.....	10
369 Heterophylla—(The gorgeous Annual Poinsettia), "Mexican Fire Plant," or "Fire-on-the-Mountain." 3 pkts for 25c.....	10

Eschscholtzia

EVERLASTING (Mixed)

Per pkt.

370 A single packet will supply a great variety of the most attractive Everlasting Flowers. 3 pkts for 25c.....	10
Everlasting Pea (See Lathyrus).	
Evening Primrose (See Enothera)	

FERNS

371 To raise them from seed is very interesting; full directions are printed on the packages. A choice mixture of hardy kinds....	15
Collection of Ferns—Twelve varieties, \$1.50.	
Feverfew (See Matricaria). Four O'clock (See Marvel of Peru).	

FORGET-ME-NOT

372 Alpine—(Myosotis alpestris)—4 ins. high, delicate sky-blue.....	10
373 Victoria—The flowers are large and of a bright azure blue with yellow centres. The plants form neat bushes completely covered with flowers, a valuable variety for cut flowers and pot culture.....	10
374 Semperflorens—A charming dwarf Forget-me-not, continuing in bloom from early spring until autumn; blue, 8 inches.....	10
375 Compact Blue—9 in. high	10
376 Dark Blue (Azorica)—Flowers half an inch across; rich turquoise blue, without eye.....	10
377 White Flowering (Azorica)	10
378 Clear Blue (Dissitiflora)—One of the best of all the Forget-me-nots. It is of a remarkably compact habit, profuse bloomer, having the appearance, when in full flower, of a sheet of exquisite blue.....	10

Forget-Me-Not

379 Palustris—Beautiful blue flowers, 1 ft. suitable for swamp ground..	10
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FRAGARIA

380 Indica (Indian Strawberry)—A yellow-flowering, half-hardy, perennial, producing pretty scarlet but tasteless fruit in succession almost during the whole year; a desirable plant for hanging baskets	10
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FREESIA

381 Refracta Alba—Very easily grown bulbs, which can be readily produced from seed. The flowers are pure white with yellow throat and exquisitely fragrant. Three pkts 25c, or.....	10
382 New Hybrids Mixed—This mixture contains various shades of pink, rose, purple, blue, violet, orange, yellow and brown.....	25

FUCHSIA (Lady's Ear Drop)

383 A pre-eminently beautiful popular greenhouse or parlor plant. Mixed varieties.....	25
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GERANIUM

384 Zonale—Scarlet sorts mixed.....	10
385 Double, Mixed—This seed will produce a large percentage of double flowers of extra fine colors.....	25
386 Apple-Scented—This fragrant variety can only be grown from seed to form fine plants.....	15
387 Pelargonium, Mixed—From fancy and spotted varieties..	25

GILIA

Hardy annual; very free flowering; suitable for growing in masses.	
388 Achillaeifolia Rosea—2 ft. high, rosy flowers.....	10
389 Capitata—2 ft., sky blue.....	10
390 Tricolor—1 ft., white, lilac and purple.....	10

GAMOLEPIS

391 Tagetes Pumila—Half-hardy annual, 1 ft., feathered foliage and dark yellow flowers.....	10
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Gaillardia Picta Lorenziana

GENTIANA

Per pkt.

392 Acaulis—Short stemmed, hardy perennials, much used for edging; flowers dark blue.....	10
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GAILLARDIA (Annual)

Splendid showy annuals, remarkable for the profusion, size and brilliancy of their flowers; continuing in bloom from early summer until late in fall; excellent for beds, borders or for cutting.

393 Picta Mixed—The largest flowering variety of these popular annuals, very showy, many colors mixed.....	10
394 Picta Lorenziana—The ray and disc flowers of this variety develop into tubular funnel-shaped florets one above another....	10

GAILLARDIA HYBRIDA MAXIMA (Perennial)

These are the choicest of hardy perennials; flowers are large, numerous, excellent for cutting, and of brilliant shades of orange, crimson, scarlet, and vermilion, and very often a combination of all these colors in one flower.

395 Single Mixed Perennial.....	10
396 Semi-double Perennial.....	10

GLAUCIUM (Horn Poppy)

397 Corniculatum—Ornamental, hardy, robust, perennial foliage plants, useful for bordering.....	10
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GLOBE AMARANTH (Gomphrena Globosa)

Handsome favorite, hardy everlasting annuals, flowering freely the whole summer.

398 Bright Purple—Flowers 18 ins. high	10	400 Variegated.....	10
399 White.....	10	401 Orange Yellow..	10

GLOXINIA (Hybrida Grandiflora)

Bulbous-rooted plants, producing in great profusion during summer months large bell-shaped flowers of the richest and most beautiful variety of brilliant colors. The bulbs must be kept warm and dry during the winter; 1 foot.

402 Crassifolia, with erect flowers—A mixture of the finest spotted and blotched varieties. Pkt 25c.	10
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For Gloxinia bulbs see page 71.

GREVILLEA

(Silk Oak)

403 Robusta—Very beautiful and graceful foliage, highly valued as a decorative plant for table and tropical lawn effects, tender perennial, 3 to 5 feet. Pkt 10c.	10
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Gloxinia Grandiflora

GODETIA

Ornamental hardy annuals, 2 feet, various shades of lilac and purple.

404 Insignis—Large flowered, mixed.....	5
405 Lady Albemarle—Crimson, edges of the petals suffused with pale lilac, dwarf.....	10
406 Lady Satin Rose—Unequalled for brilliancy and richness of colors. The flowers are of a brilliant deep very rosy pink, the surface shining like satin.....	10
407 Crimson Glow—Compact, 9 inches high, intense crimson flowers.	10
GOLDEN FEATHER (See Pyrethrum)	

GRASSES (Ornamental)

408 Briza Maxima.....	10	412 Lagarus, Ovatus (Hare's Tail Grass).....	10
409 Bromus Brizaeiformis (Brome Grass).....	10	413 Stipa Pennata (Feather Grass).....	10
410 Coix Lachrymae (Job's Tears).....	10	414 Ornamental Grasses—Mixture.....	10
411 Glycerium Argenteum (Pampas Grass).....	10		



Ornamental Gourds

GOURDS (Ornamental)

- 415 *Angora*—The foliage is dense and the fruits are spotted white of the most curious shapes and colors. They are very desirable. Pkt 10c, oz 40c.
- 416 *Flat Corsican*—Fruit in form of flat bottles. Pkt 10c, oz 40c.
- 417 *Dipper or Syphon*—Pkt 10c, oz 40c.
- 418 *Herculean Club*—Fruit like large clubs. Pkt 10c, oz 40c.
- 419 *Bottle*—Pkt 10c, oz 40c.
- 420 *Orange*—Pkt 10c, oz 40c.
- 421 *Pear*—Pkt 10c, oz 40c.
- 422 *Striped Flat*—Green striped, very pretty. Pkt 10c, oz 40c.
- 423 *Nest Egg*—Pkt 10c, oz 30c.
- 424 *Calabash*—Pipe Gourd, Pkt. 10c, oz 60c.
- 425 *Serpent*—Fruit from 5 to 6 feet in length, which when ripe becomes a brilliant carmine color. Pkt 10c, oz 60c.
- 426 *Mixture of the above*. Pkt 10c, oz 30c.

GYPSOPHILA

Hardy annuals or perennial plants, producing multitudes of tiny white flowers, extremely neat in bouquets.

- 427 *Elegans Grandiflora Alba*—Pure white, 2 feet, annual. Pkt 10c.
- 428 *Elegans, Mixed*—Annual, 2 feet high. Pkt 10c.
- 429 *Paniculata (Baby's Breath)*—White, fine for bouquets, perennial. Pkt 10c.

HELIANTHUS or SUNFLOWER

- 430 *Nanus, fl. pl.*—Dwarf variety, about 2½ feet high, flowers very double, rich golden yellow, 5 to 7 inches across. Pkt 10c, oz 30c.
- 431 *Annus, fl. pl.*—Tall, large and very double. Pkt 10c, oz 30c.
- 432 *Double Chrysanthemum-Flowered*—An excellent plant for the lawn, shrubberies or any other place where color effect is desired. The plants grow 6 or 7 feet high, and produce a great number of double flowers of various sizes. Pkt 10c, oz 30c, ½ lb 80c.

433 *Ever-Blooming "Stella"*—A Constant bloomer, 3 to 4 feet high; flowers 2½ to 3 inches across, purest yellow with black disc. Pkt 10c.

434 *Cucumerifolius, Miniature*—Small flowered, dwarf single sunflower, rich yellow, an abundant bloomer. Pkt 10c.

435 *Red or Gaillardia*—A striking variety, with distinct reddish-brown band around the base of the petals. Pkt 10c.

436 *Oculatus, fl. pl.*—Very double, tall, yellow, green centre. Pkt 10c.

437 *Globosus Fistulosus*—Flowers from 12 to 15 inches in diameter, globular and extremely double, most effective of all annual Sunflowers. Pkt 10c, oz 30c.

438 *Mammoth Russian*—As the name implies, of gigantic dimensions both of flower and stalk; seeds are used largely for chicken feed. Pkt 5c, oz 10c, ½ lb 20c.

439 *Perennial*—A mixture of the finest single flowering hardy perennial sorts. Seeds sown early will produce flowering plants the first year. Pkt. 10c.



Double Chrysanthemum-Flowered Sunflower. Pkt 10c.

HELICHRYSUM (Everlasting)

- 440 *Golden Ball*—1 foot high, bright yellow flowers. Per pkt 10c.
- 441 *Snowball*—White flowers. Per pkt 10c.
- 442 *Fireball*—Scarlet flowers. Per pkt 10c.
- 443 *Dwarf Mixed*—(Compositum minimum)—Quite distinct. Per pkt. 10c.
- 444 *Tall Double Mixed*—(Monstrosum fl. pl.)—3 feet high. Per pkt 10c

HELIOTROPE

445 *Lemoine's Giant Hybrids*—Their fragrance is delicious and powerful. The colors are from pure white through all shades of violet and blue to deep indigo. Per pkt 10c, 3 pkts for 25c.



Heliotrope Peruvianum Pkt 10c.

446 *Peruvianum*—Popular indoor or greenhouse plant of low growth and deliciously fragrant purplish-blue or lilac trusses of delicate flowers. Mixed. Pkt 10c.

HELIPTERUM

447 *Sandfordii*—Pretty dwarf everlastings, with bright yellow flowers, Half-hardy annuals. Pkt 10c

HIBISCUS

448 *Africanus*—(Calisurus). A hardy free flowering annual, 2 feet high, straw colored flowers, with prominent dark spots at the base, very desirable for mixed beds o flowers. Pkt 5c.

449 *Syriacus*—(Double Rose of Sharon)—White and purple. Pkt 10c.

450 *Crimson Eye*—Pure white with a large spot of velvety crimson in the centre of each flower; hardy perennial. Pkt 10c.

HESPERIS or ROCKET

(Dame's Violet)

451 *Matronalis*—Popular hardy, fragrant flowering, perennial, 2 feet high Mixed colors. Pkt 10c.



Japanese Variegated Hop Pkt 10c, 3 for 25c.

HOPS

452 *Japanese Variegated*—The first color is bright deep green distinctly marked and blotched with silvery white tinged with yellow; now and then a leaf will be almost snowy-white, and another one not far away, almost green. Pkt 10c, 3 for 25c.

453 *Humulus Japonicus*—Green-leaved Japanese hop. Pkt 10c.

HONESTY

454 *Lunaria Rediviva*—Hardy biennial, admired for its silvery seed pouches, which are used for house ornaments. 2 feet high. Pkt 10c.

HUMEA

455 *Elegans*—Red, 3 feet high. A remarkably handsome plant, invaluable for decorative purposes; in the centre of beds it is most effective; half-hardy biennial. Pkt 10c

HUNNEMANNIA

456 *Fumariaefolia, Bush Eschscholtzia (Yellow Tulip Poppy)*—The plants grow into a shrubby bush, 2 feet high, and produce large cup-shaped flowers, 3 inches across on stems 12 inches long. The color is of clear, bright yellow, the petals are broad and crinkled, like crushed satin. The flowers keep in water for two weeks. Pkt 10c.

IPOMCEA—(See Morning Glory and Cypress Vine).

ICE PLANT—(See Mesembryanthemum).

IMPATIENS SULTANI

457 *Zanzibar or Sultan's Balsam*—Planted in open ground in June it grows luxuriantly, flowers with the greatest profusion. Brilliant rosy scarlet. Pkt 15c.

IPOMOPSIS (Standing Cypress)

Stems 2 feet high. Remarkably handsome, free flowering, half-hardy biennials for indoors, flowering the second year in different tints of bright orange scarlet.

458 *Elegans*—Mixed, pkt 10c.

KALANCHOE CARNEA

459 This beautiful decorative plant attains a height of about 18 inches and is of a good bushy habit. The pink flowers are of wax-like consistency, last a long time in perfection and are deliciously fragrant. Pkt 20c.

KAULFUSSIA

460 *Ameloides*—A pretty dwarf hardy annual, 6 inches high, dark purple, daisy-like flowers, desirable for early summer flower beds. Pkt 10c.

KOCHIA (Burning Bush)

461 *Tricophylla*—Popularly known as Belvidere or Summer Cypress; an annual, 2½ feet high, of dense, close growth, resembling a clipped evergreen; completely covered in the fall with crimson flowers. Pkt 10c.

LANTANA

462 *Hybrida*—Fine mixed. A rapid-growing indoor shrub, for bedding during summer, 3 feet; flowers in heads of yellow, pink, orange or changeable colors. Pkt 10c.

LARKSPUR—(See Delphinium).

LAVATERA

463 *Hybrida*—Handsome, free flowering, upright growing hardy annual, of the Mallow tribe, crimson rose flowers. Pkt 10c.

LAVENDER

464 A hardy perennial plant, bearing spikes of blue flowers, which are cut and dried for their fragrance; height 1 to 2 feet. Pkt 10c.

LAYIA

465 *Elegans*—A pretty and attractive little hardy annual, for cut flower purposes. The rays of the flower heads are bright yellow with white tips. Pkt 10c.

LILY OF THE VALLEY

466 (Convallaria). Pkt 10c.

Lemon Verbena—(See Aloysia)



Kochia Tricophylla Pkt 10c. (very ornamental)

HOLLYHOCKS

(Althæa Rosea)

One of the grandest summer and autumn flowering plants, bearing long spikes of double white, red, pink and yellow flowers, 3 to 4 inches across. Hardy biennials, 5 to 8 feet high. The seed we offer has been saved from our unrivalled collection of choicest improved double varieties.

467 **CHATER'S DOUBLE MIXED**—Most beautiful variety. Pkt 10c.

468 **Chater's Double White**—Pkt 10c.

469 **Chater's Double Yellow**—Shades—Pkt 10c.

470 **Chater's Bright Red**—Pkt 10c.

471 **Chater's Bright Pink**—Pkt 10c.

472 **Single Annual Mixed**—Pkt 10c.

473 **ALLEGHENY**—The flowers of this variety are from 4 to 6 inches in diameter, running from semi-double to double. The colors are shell pink, rosy and ruby red. **Mixed**—Pkt 10c, 3 for 25c.

Hollyhocks—Chater's Prize Collection, 1 pkt each, 12 distinct colors, 75 cents.

For Hollyhock plants to flower this year, see page 82.

LOBELIA**Dwarf or Compact Varieties**

Little round, compact plants, fine for edgings, ribbon beds, etc., 4 to 6 inches high.

474 **Prima Donna**—A charming variety of dwarf, compact habit; rich, velvety, crimson maroon flowers. Pkt 10c, 3 for 25c.

475 **Crystal Palace**—Dark blue, fine for beds. Pkt 10c.

476 **White Gem**—Pure white, compact habit. Pkt 10c.

477 **Emperor William**—Blue, white eye. Pkt 10c.

478 **Duplex**—Semi-double, blue. Pkt 10c.

TRAILING VARIETIES.

Branching plants for hanging over vases and baskets, 6 to 9 inches high.

479 **Gracilis**—Light blue, slender stems, grown for baskets. Pkt 10c.

480 **Sapphire**—Deep blue, white centre. Pkt 15c; 2 pkts 25c.

481 **Erinus Grandiflora Stellata, or Paxtoniana**—Large blue flowers, white eye. Pkt 10c.

482 **Erinus Speciosa**—Large, free flowering, sky blue, white centre Pkt 10c.

HARDY PERENNIAL VARIETIES.

483 **Fulgens** (Queen Victoria)—Beautiful border plant, with brilliant scarlet flowers and metallic crimson foliage. Pkt 10c.

484 **Cardinalis**—Scarlet, native of Canada. Pkt 10c.

LIMNANTHES

485 **Douglasi**—Easily grown, free flowering, slightly fragrant plants excellent for beds or edgings in damp, shady places; hardy annuals. Pkt 10c.

LINARIA

(Kenilworth Ivy)

Very pretty, hardy annual or perennial, trailing or low growing plants.

486 **Alpina**—Perennial, lilac shaded. Pkt 10c.

487 **Cymbalaria** (Kentucky or Kenilworth Ivy)—Perennial, purple and white. Pkt 10c.

488 **Hendersonii**—Annual, 1 foot high; lilac and yellow shaded flowers. Pkt 10c.

LINUM

(Flowering Flax)

Free flowering hardy annual or perennial.

489 **Grandiflorum Rubrum**—Crimson. Pkt 10c.

490 **Perenne**—Perennial, blue. Pkt 10c.

LOPHOSPERMUM

491 **Scandens**—Exceedingly beautiful and highly ornamental genus of climbers, handsome, showy foxglove-like flowers; half-hardy annual or biennial. Rosy purple flowers. Pkt 10c.

LOVE-IN-A-MIST

(Devil-in-the-Bush)

492 **Nigella Damascena**—Popular hardy annuals of low growth, handsome in bouquets. Blue and white mixed. Pkt 10c.

LUPINUS or LUPIN (Sun Dials)

Desirable plants for bedding and bouquets, long graceful flower spikes richly colored pea-shaped flowers, white, blue, rose, yellow, etc.

493 **Mixed Annual Varieties**—Pkt 5c.

494 **Perennial Mixed Blue and White**—Pkt 5c.

LYCHNIS

Beautiful hardy, biennial and perennial plants, 3 feet high, remarkably conspicuous heads of brilliant scarlet-shaded flowers.

495 **Chalcedonica**—Perennial, bright scarlet flowers. Pkt 10c.

496 **Grandiflora Gigantica**—A variety of the preceding, of dwarf nature, and with many large flowers. Pkt 10c.

MALVA

497 **Moschata Alba**—(White Musk Scented Mallow)—An attractive garden plant; grows into a pyramidal bush; produces numerous white flowers size of a silver quarter. Thrives best in a warm situation. Pkt 10c.

MALOPE

A favorite hardy annual, 3 feet high, with large conspicuous flowers of the Mallow tribe.

498 **Grandiflora**—White and rose, mixed. Pkt 10c.

MARTYNIA

Handsome, tropical appearing annuals, for outdoor cultivation during summer, being raised indoors; 2 feet high, large leaves and trumpet-shaped flowers, producing curiously shaped seed pods, like horns.

499 **Formosa**—Mixed. Pkt 10c.

MARVEL OF PERU

(Four O'clock)

500 (Mirabilis Jalapa)—Beautiful half-hardy annuals, 3 feet high; flowers are fragrant, especially in the evening. In many shades of white, red, yellow and blue, mixed. Pkt 10c.

MARIGOLD

Popular hardy annual border plants of magnificent effect; varying in height, form and color of flowers, but always being showy, desirable border plants.

501 **Eldorado, Tall** (Double African)—The handsomest of the Marigolds, its colors ranging from palest yellow to the deepest orange; flowers large, almost round, and very double. Pkt 10c.

502 **Dwarf Double African**—1 foot high, orange color. Pkt 10c.

503 **Tall Double African**—2 feet high, orange color. Pkt 10c.

504 **Tall Striped Double French**—2 feet high, yellow flowers, with a broad stripe on each petal. Pkt 10c.

505 **Dwarf Double French**—1 foot high, flowers velvety brown, finely edged yellow. Pkt 10c.

506 **Gold Nugget, Double French**—Dwarf, dense growth, and immense double flowers, which are of a peculiar shade of golden yellow. Pkt 10c.

507 **Legion of Honor, French**—The plants grow 9 inches high, and will bloom from the middle of summer until late in fall. Flowers rich golden yellow marked with velvety brown. Pkt 10c.

MATHIOLA (Evening Scented Stock)

508 **Bicornis**—A desirable half-hardy annual, 1 foot high, bushy, with rosy lilac flowers of a delicious perfume, especially in the evening. Pkt 10c.

MATRICARIA (Feverfew)

Hardy perennials, flowering the first year, with daisy-like double white flowers, 1 foot high.

509 **Capensis, fl. pl.** (Bridal rose)—double white, daisy-like flowers. Pkt 10c.

510 **Eximea Nana Aurea Crispa, fl. pl.**—Dwarf growing with golden yellow leaves, exquisite for bordering. Pkt 10c.

MAURANDIA

511 **Maurandia, mixed** blue shades and white—The prettiest half-hardy climbing plants in cultivation, for trellises outdoors, or for greenhouse or parlor culture. Pkt 10c.

512 **MELILOTUS**—**Suaveolens**—Sweet Clover. Pkt 5c.

MELOTHRIA

513 **Punctata** (African Oak-leaved climber)—A magnificent, rapid-growing climbing annual. Flowers are succeeded by great numbers of blue-brown berries. Pkt 25c.



Chater's Extra Double Hollyhock. Pkt 10c.



Dwarf Double French Marigold



Kenilworth Ivy. Pkt 10c.
(Linaria Cymbalaria)



Flowering Flax Pkt 10c.



Lobelia, Crystal Palace Compacta. Pkg 10c.

MIGNONETTE

(Reseda Odorata)

Most popular fragrant flowering hardy annuals of spreading habit and graceful in appearance; indispensable in every garden.

514 **Large Flowered**—sweet scented. Pkt 5c, oz 20c, 2 oz 35c, ½ lb 60c, lb \$2.20.

515 **Mile's Spiral**—Of dwarf habit, branching, large flowered spikes. Pkt 10c.

516 **Parson's White**—Stamens white, flowers large and fragrant. Pkt 10c.

517 **Golden Queen**—An entirely distinct sort of dense pyramidal habit, with golden yellow flowers, which give it a most attractive appearance. Pkt 10c.

518 **Gabrielle**—New, red, very sweet, spikes very thick. Pkt 10c.

519 **Bismarck or Improved Machet**—The flowers are borne on long stems, high above the thick, dark green, somewhat corrugated foliage; the bushes do not exceed one foot in height; very sweet, spikes very thick. Pkt 10c.



Machet Mignonette Pkt 10c.

the flowers are of a reddish hue, and very sweet scented. Pkt 10c, 3 for 25c, half ounce 50c.

520 **Defiance**—When grown under favorable conditions and with proper care, its spikes will not only be of remarkable size—from 12 to 15 inches long—but deliciously fragrant. The individual florets are of large size and stand out boldly. Pkt 10c, 3 for 25c, oz 60c.

521 **The Prize**—This is a very distinct variety the flowers being unusually large as well as remarkable for their beautiful color and delicious fragrance; flowers light red. Pkt 10c.

522 **Machet**—Vigorous dwarf pyramidal plants, very stout flower stalks, with numerous dark green leaves, terminating in long spikes of deliciously scented red flowers. Best for pot culture and valuable for borders. Pkt 10c, oz 60c.

523 **Giant Red, or Paris Market**—Its enormous flower spikes are of the largest size, the individual blossoms of an intense red color are very sweet scented. One of the best for cut flowers and pot culture. Pkt 10c.

MESEMBRYANTHEMUM

A pretty little trailing plant, the leaves of which are covered with crystalline globules; half-hardy annual.

524 **Crystallinum**—Ice plant. Pkt 10c.

525 **Tricolorum**—Dew or wax plant. Small pink flowers. Pkt 10c.

526 **Cordifolium**—Large rosy purple flowers, good for hanging baskets, heart-shaped variegated leaves. Pkt 10c.

MUSA ENSETE (Abyssinian Banana)

527 A splendid plant for the open air in summer, producing a most striking effect when planted singly or in groups. In our hot summers it luxuriates and attains gigantic proportions when freely supplied with manure and water. The seeds germinate easily if started in hot-bed or bottom heat in greenhouse. Tender perennial, 10 to 20 feet. Pkt of 5 seeds, 25c.

MOONFLOWER

528 **Ipomœa Noctiflora**—Bears in the greatest profusion its lovely white flowers, 5 to 6 inches in diameter, with five-pointed star in the centre, flowers open at dusk or earlier on cloudy days; deliciously fragrant. Start early in the house and set out as early as safe in the spring. Pkt 10c.

MIMULUS (Monkey Flower)

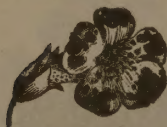
Extremely handsome, dwarf growing, half-hardy biennials with delicate, large beautifully tinted flowers, requiring shelter from the midday sun to bring them to perfection.

529 **Cupreus**—Spotted and blotched flowers on yellow ground. Pkt 10c

530 **Simmers' Mammoth**—Unequalled for beautiful colors. Tigered and spotted. Pkt 15c.

531 **The Emperor**—The flowers are remarkably rich and varied in color, of a semi-double appearance. Pkt 15c.

Mimulus Moschatus—(See Musk Plant).



Monkey Flower
(Mimulus Cupreus). Pkt 10c.

MINA LOBATA

One of the handsomest climbers.

532 A charming Mexican climber which somewhat resembles the Cypress Vine, except in color and shape of flowers, which are tubular-shaped, borne on fork-like racemes. Seed must be sown early. Pkt 10c.

MOMORDICA

(Balsam Apple)

533 **Momordica Balsamina**—A trailing or low-climbing, half-hardy annual, the fleshy fruits infused with sweet oil, being famous for curing wounds. Pkt 10c.

MUSK PLANT

534 **Musk (Mimulus Moschatus)**—This fragrant and universally favorite little plant with its yellow flowers, is well known and is equally at home in sitting-room, green-house or garden, half-hardy perennial. 9 inches high. Pkt 10c.

MORNING GLORY (Ipomœa)

Magnificent hardy annual climbers, very free flowers, trumpet-shaped, rich shades. The seeds of Morning Glories should be soaked in warm water for 24 hours before planting.

535 **Morning Glories, all colors mixed**—Pkt 5c, oz 20c, 2 oz 35c, ½ lb 50c.

536 **Mexican Mixed**—Large flowering. Pkt 10c.

537 **Variegated Leaved**—With silvery white marbled leaves, distinct. Pkt 10c.

538 **Coccinea**—Scarlet, feathered leaves. Pkt 10c.

539 **"Heavenly Blue" or Sky Blue Mexican**—Foliage very large, heart-shaped; flowers 4 to 6 inches across in large clusters, light blue with a yellow throat suffusing softly into blue. Also a splendid conservatory climber. Pkt 10c.

540 **Leari, "The Blue Dawn Flower"**—Most beautiful, bearing clusters of the most lovely sky-blue flowers 5 to 6 inches across. Pkt 10c.

For the newer varieties of Morning Glory see Novelties.

NEMESIA

541 **Strumosa Grandiflora (Sutton)**—A splendid annual for small beds, with very attractive flowers, the colors include white, yellow, orange, pink, and crimson.

Finest mixed. Pkt. 20c.



Nemophila

545 **Sanderae, Hybrids**—A splendid type in a great variety of colors.

Pkt. 10c, 3 for 25c.

546 **SYLVESTRIS**—Annual of robust, branching habit, about 3 or 4 feet high; foliage large and dark green; flowers pure white. The flowers emit a very delicious perfume.

Pkt 10c, 3 pkts 25c.

547 **COLLOSEA**—Attains a height of 5 to 6 feet during one summer; immense leaves, at first rose and violet, afterwards changing to deep green with red veins.

Pkt 10c, 3 pkts 25c.



Morning Glories. Pkt 5c.

NEMOPHILA (Love's Grove)

Of neat, compact habit, blooming freely all summer. If thinned to 4 in. apart the plants will present a dense mass.

542 **Mixed**—Blue, white, violet, etc. Pkt 5c.

NICOTIANA (or Tobacco Plant)

The following are very ornamental half-hardy annuals and are very desirable.

543 **Grandiflora Purpurea**—Large massive foliage, dark purplish-red flowers. Pkt 10c.

544 **Affinis (Sweet-scented Tobacco Plant)**—Produces an abundance of large, pure white flowers that expand fully in the morning and evening emitting a delicious fragrance. Pkt 10c.



Nicotiana Affinis

SIMMERS' SUPERB NASTURTIUMS

TALL or CLIMBING VARIETIES

Elegant and luxurious climbers for verandahs, trellises, etc., bearing their gorgeous flowers in profusion until killed by frost. May be used to cover unsightly railings and to trail over rough ground with fine effect. The seed pods can be gathered while green and tender for pickling. 6 to 10 feet.

548 Simmers' Special Tall Mixture—Pkt 5c, oz 15c, 2 oz 30c, ½ lb 50c, lb \$1.60.

549 Chameleon—Color changeable.

550 Atropurpureum—Crimson.

551 Edward Otto—Brownish lilac.

552 Golden Leaved—Scarlet flowers.

553 Heinemann—Silky bronze chocolate.

554 Hemisphaericum—Fine, scarlet.

555 Jupiter—Rich pure yellow.

556 Moltke—Bluish pink.

557 Pearl—Creamy White.

558 Prince Henry—Cream color, spotted red.

559 Regaleanum—Violet crimson.

560 Scheuermann—Straw color, striped yellow and crimson.

561 Schilling—Bright yellow, maroon blotches.

562 Vesuvius—Brilliant, fiery rose, very effective.

563 Yellow—Very fine.

Any of the above—Pkt 5c, any 6 pkts for 25c, oz 20c, 2 oz 35c, ½ lb 50c.

IVY-LEAVED TRAILING NASTURTIUM

564 Distinct in both leaf and flower. The leaf has the true Ivy shape, as well as the beautiful dark green metallic hue. Crimson-scarlet flowers, veined white and having narrow petals with feather edges. Profuse bloomer. Especially graceful in vases, window and verandah boxes. Pkt 10c, oz 35c, 2 oz 50c.

MADAME GUNTHER HYBRIDS

565 For richness and variety of color these new Hybrids have no equals among Climbing Nasturtiums. Some of the most striking colors are as follows—white, shaded carmine on the edges, with deep maroon throat; golden-yellow, shaded brown on edges; yellow, shaded and mottled with carmine; white, with red blotches; shrimp pink, with deep maroon throat; shrimp pink, self-color; rose, bright rose, bright yellow, orange, and a great many other shades not found in any other mixtures, all contrasting beautifully with the dark foliage which predominates in this class.

Pkt 10c, oz 20c, 2 oz 35c, ½ lb 60c, lb \$2.00

LOBBS' CLIMBING NASTURTIUMS

Tropaeolum Lobbianum

The brilliance and profusion in blooming of the Lobbianum varieties render them superior for trellises, arbors and vases, etc., also for greenhouses or conservatory decoration in winter; annual, 6 to 10 feet.

566 Asa Gray—Primrose yellow.

567 Atropurpureum—Purple violet flowers.

568 Brilliant—Dark scarlet.

569 Chalcidum—Yellow, spotted red.

570 Crown Prince of Prussia (Mutabile)—Bright scarlet.

571 Giant of Battles—Sulphur with dark red blotches.

572 Lucifer—Dark purplish crimson.

573 Napoleon III.—Golden spotted with brown.

574 Spitfire—Brilliant light scarlet.

575 Zandiri Nigrum or King of the Blacks—Black maroon.

Any of the above—Pkt 5c, any 6 pkts for 25c, oz 20c, 2 oz 35c, ½ lb 60c.

576 LOBBIANUM, FINEST MIXED—This mixture is composed of the finest and most distinct varieties in this grand free flowering type. Planted in masses it will produce most gorgeous effects. Pkt 5c, oz 15c, 2 oz 30c, ½ lb 50c, lb \$1.60

TOM THUMB, DWARF, or BEDDING VARIETIES

The improved varieties of the Dwarf Nasturtium are among the most popular and beautiful of our garden plants. Their neat, compact growth, bright colored flowers and free-blooming and long lasting qualities, together with their adaptability to almost any soil or situation make them unsurpassed for garden decoration. 1 foot high.

584 SIMMERS' SPECIAL DWARF MIXTURE—Pkt 5c, oz 20c, 2 oz 35c, ½ lb 60c, lb \$1.80.

585 Aurora—Deep Crome yellow, the two lower petals blotched and veined carmine.

586 Beauty—Scarlet, splashed canary.

587 Bronze Color—Coppery bronze.

588 Chameleon—Color changeable.

589 Cloth of Gold—Scarlet flowers and golden yellow foliage.

590 Crimson Rose-colored—Dwarf.

591 Crimson.

592 Empress of India—Very dwarf dark tinted foliage, flowers brilliant crimson.

593 King Theodore—Intense dark brown flowers.

594 Queen of Tom Thumbs—Variegated leaved, finest mixed.

595 King of Tom Thumbs—Scarlet.

596 Lady Bird—Orange yellow and red spots.

597 Pearl White—Cream color.

598 Prinz Heinrich—Cream color, spotted red.

599 Regaleanum—Purple violet.

600 Ruby King—Crimson rose, distinct foliage.

601 Spotted King—Orange spotted crimson.

602 Yellow.

Any of the above—Pkt 5c, any 6 pkts for 25c, oz 20c, 2 oz 35c.



Tall or Climbing Nasturtium

QUEEN OF THE LOBBS TALL NASTURTIUM

A very remarkable acquisition of the Lobbianum type, with a fine white marbled and veined foliage, which gives an exceedingly pretty appearance to this popular climber, the flowers contrasting beautifully with the variegated foliage.

577 Queen Wilhelmina—Rich, brilliant scarlet.

578 Queen Dowager Emma—Deep crimson scarlet.

579 Queen of Spain—Golden yellow, spotted brown.

580 Queen Alexandra—Blood red, marbled and mottled.

581 Queen of the Morning—Superb aurora-colored shades.

582 Queen of the North—Sulphur yellow.

583 Queen of the Lobbs. Mixed—A mixture of above named varieties.

Any of the above—Pkt 5c, any 6 pkts for 25c.



Dwarf Nasturtium

PHLOX DRUMMONDII

IMPROVED LARGE FLOWERING VARIETIES

The various varieties of this flower are noted for extreme richness of color, profuseness of blossom, and length and duration of bloom. It is one of our finest annuals, and whether in clumps or masses looks equally beautiful. Hardy annual; 1½ feet.

603 **Grandiflora**—This strain of mixed, large flowering Phlox is noteworthy for variety and brilliancy of colors. Finest mixture. Pkt 10c, ½ oz 30c, oz \$1.00.

604 **Discoidalis Grandiflora Mixed**—Larger and more numerous flowers, specially adapted for growing in pots. Pkt 10

605 **Delicata**—Delicate rose, white eye 10

606 **Black Warrior (Atropurpurea)**—Dark red, nearly black 10

607 **Coccinea**—Bright scarlet 10

608 **Princess Royal**—Light purple with white streaks, very brilliant 10

609 **Isabel**—Nankin yellow 10

610 **Leopoldi**—Bright rose with white eye 10

611 **Washington**—Violet purple with blackish brown and white throat, beautiful 10

612 **Quadricolor**—Purple throat, violet eye with a white and reddish-lilac ring 10

613 **Radowitzii**—Rosy red, striped white 10

614 **Rosea**—Deep rose 10

615 **White**—Large flowering 10

616 **William I.**—Bright crimson, white stripe 10

Collection—Of 12 Grandiflora colors 75

Collection—Of 6 Grandiflora colors 40

617 **Star-Shaped Phlox**—"Star of Quedlinburg." Plant of compact habit, bearing large umbels of star-shaped flowers. Novel and beautiful, mixed colors 10

618 **"Fimbriata"** (fringed)—A beautifully fringed variety, mixed colors 10

DWARF PHLOX

619 **Dwarf Scarlet (Fireball)** 10

620 **Dwarf White (Snowball)** 10

621 **Dwarf Mixed** 10

622 **New Cecily Phlox**—Dwarf, compact bushes, excellent for borders, flowers of immense size, mixed colors only 15

DOUBLE PHLOX

623 **Double Scarlet**—With semi-double and double flowers; the trusses and individual flowers are equal in size to those of the dwarf compact varieties 10

624 **Double White**—A profuse bloomer 10

PERENNIAL PHLOX

625 **Decussata Mixed**—Easily grown from seed 10



Phlox Drummondii. Large Flowering. Pkt 10c.



Double Portulaca. Pkt 10c.

PORTULACA

One of the finest hardy annual plants, of easy culture. The flowers are of the richest shades of reds, yellows and whites, and are produced throughout the summer in great profusion; fine for massing in beds, edging or rock work; 6 inches.

626 **Splendens**—Single flowering, brilliant colors. Mixed 5

627 **Double Flowering**—Choice mixture 10

Collection of one pkt each six distinct and brilliant colors, single 30

NIEREMBERGIA

628 **Gracilis Frutescens**—A half-hardy perennial, slender growing plant, perpetually in bloom, flowering the first year if sown early; desirable for the greenhouse, baskets, vases, or bedding out; 1 ft. White tinted with lilac. Pkt 10c.

Nigella—(See Love-in-a-Mist).

NOLANA

629 Very pretty hardy annual, trailing habit, with Morning Glory-like flowers, well adapted to rock work, 6 inches, mixed colors. Pkt 10c.

OXALIS

Delicate half-hardy annual, and perennial, low growing plants with leaves like Shamrock.

630 **Mixed**—9 in. high, rosy flowers, annual. Pkt 10c.

631 **Tropaeoloides (Corniculata)**—Short trailing annual; foliage dark brown; flowers deep yellow. Pkt 10c.

632 **Valdiviana**—Perennial, flowering in the first year, bright yellow, sweet-scented. Pkt 10c.

CENOTHERA

633 **Fine Mixed** ("Evening Primroses" or "Sun Drops"). Large white and yellow showy flowers, various shades, hardy annual. 1 to 2 feet. Pkt 10c.

PASSION FLOWER

Splendid greenhouse or parlor climbers; some also for outdoors with curiously-shaped flowers, the appendages of which are supposed to represent the passion of Jesus.

634 **Cœrulea Grandiflora**—For greenhouse or parlor, flowers light blue. Pkt 10c.

635 **Incarnata** (Southern "May Pops")—Blossoms the first season from seed. Flowers two or three inches across, flesh white with purple rays, followed by yellow edible fruits. Pkt 10c.

PENTSTEMON

Very attractive hardy perennial for beds, borders and cut flowers. The flowers are half-pendant bell-shaped and marked and marbled in beautiful bright shades. They should be planted in a rich, open soil and protected during the winter.

636 **Finest Hybrids**—A splendid mixture of brilliant colors varying from pure white to deep crimson. Pkt 10c.

637 **Gloxinoides**—Distinct in point of size of flower (individual flowers measuring 2 inches across) variety and brilliancy of color and profusion of bloom. It has been named because of the resemblance of the individual flowers to Gloxinias in their substance, form and variety of coloring. Sown early they come into flower in July and continue a blaze until frost. Pkt 10c.

PERILLA

Ornamental half-hardy annual, deep, dark, purplish red foliage, for border or indoors.

638 **Nankinensis**—Leaves deep mulberry or purplish black, 1 foot high. Pkt 10c.

639 **Variegata**—With leaves finely variegated and veined. Pkt 25c.

PHYSALIS FRANCHETI

640 **Japanese Giant Winter Cherry**—About 18 inches high. The branches are all covered with luxuriant foliage, and studded with large bright red cherry-like fruits, each enclosed in an enormous balloon-like semi-transparent calyx, about 3 inches long, by 7 to 8 inches in circumference, at first of light green color, then orange and finally crimson. Pkt 10c, 3 for 25c.

PICOTEE PINKS

Well known plants of great beauty, combining with the most perfect form the richest colors; they have a delicate perfume, and are easily cultivated. 1 foot high, half-hardy perennials.

641 **Mixed**—Pink and white, best double quality. Pkt 25c.

642 **Pure White**—Pkt 25c.

PLATYCODON (or Wahlenbergia)

Hardy perennials producing very showy flowers during the whole season. They form large clumps, and are excellent for planting among shrubbery.

643 **Mixed**—Blue and white. Pkt 10c.

Palma Christi (See Castor Oil Bean).

PODOLEPIS

644 **Chrysantha**—1 ft., golden yellow. Pkt 10c.

645 **Superba**—Dark red. Pkt 10c.

POLEMONIUM

Ornamental hardy perennials, with sky-blue or white flowers in bunches.

646 **Cœruleum Grandiflorum Blue**—2 feet high. Pkt 10c.

647 **Pulchellum Album White**—1 foot high. Pkt 10c.

POLYANTHUS

One of our most popular and earliest flowering, hardy perennials, of low growth, particularly suited for edging borders flowers in an astonishing variety of colors, in form of Auriculas.

648 **Goldlaced, Mixed**—The flowers have a clear, even margin or lacing of gold on a ground color similarly well defined; extra choice, mixed. Pkt 10c.

POLYGONUM

649 **Oriental**—A hardy, graceful, showy annual, 5 feet high; fit for shrubberies or the centre of borders; rosy crimson, drooping flowers; fine, light green, heart shaped foliage. Pkg 10c.



Pentstemon Gloxinoides. Pkt 10c.

SIMMERS' GIANT PANSIES

Valuable Information—On the culture of Pansies will be found in our Booklet, "Hints on Growing Flowers" sent free if requested with every \$1.00 order for Flower Seeds, or postpaid, 15c.



Type of our Giant Pansy

664 Giant Paris Market—The flowers of this strain are as large as the Trimardeau, and far superior in color and in substance of petals; the blotches are more conspicuous. Having a stout and stiff flower stem, the flowers last longer. Pkt 10c, 3 for 25c, $\frac{1}{2}$ oz \$1.00.

665 Giant Bugnot—The flowers are of enormous size, perfectly round, of great substance, and of the most varied and attractive markings and colors. Each petal bears a blotch veined to the edge; contains shades of red, bronze and reddish brown, not found in any other pansy mixture. Pkt 20c, $\frac{1}{2}$ oz \$1.00.

666 Giant Masterpiece—A remarkable type, the border of each petal being conspicuously curled or waved, giving the flower a double or globular appearance. All colors mixed. Pkt 15c, 2 for 25c.

667 Giant Trimardeau—Flowers large, with a dark blotch on the three lower petals. We recommend this as the best low-priced mixture of giant pansies. Pkt 10c, $\frac{1}{2}$ oz \$1.00.

668 Giant Cassier—A mixture of large well-shaped flowers in choice variety, petals marked with large blotches. Pkt 10c, $\frac{1}{2}$ oz \$1.00.

669 Giant "Butterfly"—The flowers are very large, of good form and substance, and produced freely. They are mottled and spotted, streaked, tigered, and splashed, while the colors are mainly those rich wine reds, chocolate, velvety-brown, lavender, violet, and purple shades, only found in a pansy blossom. Best Fancy Scotch Seed, mixed colors. Pkt 25c,

The term "Giant Pansies" does not adequately describe these new strains, for, aside from the large size which gives them their name, their colorings are simply superb, and their form and substance perfect. The parent of most of these strains, the Trimardeau, when first introduced had only its size to recommend it, the flowers being limited in coloring, irregular in shape and lacking in firmness. By continued improvement one beautiful color after another has been added to the list, and perfected from season to season by careful culture. Through personal selection from the best European Pansy Cultures, we have secured the cream of varieties from all quarters, combining with their giant proportions the most magnificent colorings.

- | | Pkt |
|---|-----|
| 650 Giant Adonis—Beautiful light blue, marked with a yellowish white face and large dark blotches..... | 10 |
| 651 Giant Auricula Colors—Very beautiful shadings..... | 10 |
| 652 Giant Aureola—Lower petals crimson, upper petals whitish yellow, with broad carmine red margin..... | 10 |
| 653 Giant Beaconsfield—Purple, shading to white. This strain combined with the peculiar coloring of the type, will elicit general admiration..... | 10 |
| 654 Giant Canary Bird—The ground color is a bright golden yellow, each petal marked with a large dark blotch..... | 10 |
| 655 Giant Coal Black—Of immense size..... | 10 |
| 656 Giant Copper Color—A most distinct and showy combination..... | 10 |
| 657 Giant Dark Blue..... | 10 |
| 658 Giant Emperor William—Rich ultramarine blue, purple-velvet eye..... | 10 |
| 659 Giant Fire King—Brilliant red and yellow..... | 10 |
| 660 Giant Indigo King—Vivid true indigo blue color, darker in the centre and becoming lighter towards the edge..... | 10 |
| 661 Giant Mauve Queen—Pleasing mauve colors, lower petals having blotches of bluish carmine..... | 10 |
| 662 Giant Purple—Royal purple flowers, very large..... | 10 |
| 663 Giant Siegfried—Five spotted, of rich brown shades, with clear white margin.... | 10 |
| 670 Giant Striped—A beautiful mixture, flowers striped and mottled in various tints on contrasting ground..... | 10 |
| 671 Giant Victoria—Blood red or wine color, with violet blotches... | 10 |
| 672 Giant Violet Blue..... | 10 |
| 673 Giant Yellow or Golden Queen—Very showy color..... | 10 |
| 674 SIMMERS' GIANT WHITE "SNOW QUEEN"—Most valuable addition, as it reproduces exactly from seed. We very strongly recommend, it not only for bouquets but as a very valuable addition to the Pansy family. White, velvet centre.. | 10 |
| 675 Giant Pretiosa—Each petal has a violet blotch, surrounded by crimson rose ground with white edge. Pkt 15c, 2 for 25c. | |
| 676 SIMMERS' GIANT PANSY MIXTURE—This mixture embraces, besides all the above shades and colors, two special strains not listed elsewhere in this catalogue, and which can only be had in this, our Giant Pansy Mixture. This mixture includes the richest reds, coppers and bronzes, together with the most delicate rose and pink shadings, all the distinct colors of Trimardeau, and the splendid Cassier strain, with its delicate veining. We have secured the newest, richest and finest sorts. Pkt 15c. 2 for 25c, $\frac{1}{2}$ oz \$1.50. | |

Simmers' Collection of Giant Pansies

One pkt each of Giant White, Giant Cassier, Giant Bugnot, Giant Yellow, Giant Striped, Giant Violet Blue and Giant Copper Color, for..... **60c.**

PREMIUM PANSIES

While the giant-flowered Pansies are great favorites on account of the immense size of their flowers, Simmers' Premium Pansies excel in their endless variety of color, combined with perfection of form, and velvety texture and substance of their petals. This strain, most celebrated all over Europe, is from a specialist who has devoted his life to the improvement of these flowers. No better strain of Pansies is to be had. It is impossible to describe them as they embrace all colors and markings.

- | | Pkt |
|--|-----|
| 677 Simmers' Improved Large Flowering Premium Mixture—Embracing all varieties named in the following list and many other shades and colors. Quarter ounce 75c..... | 10 |
| 678 Odier (Five blotched)—A magnificent French variety, petals having a large blotch; clearly defined margin; many colors; extra large, $\frac{1}{2}$ oz 75c..... | 10 |
| 679 Gold Margined..... | 10 |
| 680 Velvety Crimson Purple..... | 10 |
| 681 Bronze Colored..... | 10 |
| 682 White Margined—Purplish-crimson..... | 10 |

- | | |
|---|----|
| 683 Quadricolor or Pheasant's Eye—Flowers are of a reddish steel blue, with red and white edge..... | 10 |
| 684 Dark Maroon—Gold margined..... | 10 |
| 685 Victoria—Claret red, very fine..... | 10 |
| 686 Reddish Brown..... | 10 |
| 687 Pure Yellow —
Fine for bedding..... | 10 |
| 688 Cardinal Red.... | 10 |
| 689 Peacock—The upper petals are royal purple, shot with peacock blue, lower petals the same. The two side petals are rich maroon, all being encircled with a delicate tint of terra cotta rose. 10 | |



Type of Premium Pansy Mixture. Pkt 10c.

SIMMERS' PREMIUM PANSIES

Collection of 12 separate beautiful sorts, 1 pkt each, \$1.00.
Collection of 6 separate beautiful sorts, 1 pkt each, 50c.

PETUNIAS

Our Strains of Single Petunias are the best obtainable.



Simmers' "Perfection" Extra Large Flowering Fringed Petunia. Pkt 25c.

For Petunia Plants see page 77

690 Simmers' "Perfection" Extra Large Flowering Fringed Mixed—This strain bears grand substantial flowers of the largest size and the colors are indescribably rich and varied. They embrace all colors, from pure white to the darkest blue and deep red, while even flowers with a yellow tint are not unusual. Most of the flowers are beautifully fringed, while all are distinctly veined. In nearly every flower the throat is darker than the balance of the petals, imparting an appearance of great depth and substance. The foliage is remarkably heavy, and the large leaves are of a dark green color. Pkt 25c.

691 Emperor—Very large, wide open blossoms, with colorings and markings very distinct from any other strain. The solid colors are particularly rich and velvety. Some of the crimson blossoms have pink stars, some pure white stars, others are distinctly striped. Pkt 15c, 2 pkts 25c.



Extra Mottled Strain Single Petunia. Pkt 10c.



"Simmers" Double Large Flowering Fringed Petunia. Pkt 50c.

DWARF PETUNIAS

694 Dwarf Inimitable—"Star Petunia"—Compact growing variety, flowers cherry-red with a white centre. Pkt 10c.

695 Snowball—Of dwarf, bushy habit, with an abundance of bloom. Flowers purest white. Pkt 10c.

DOUBLE FLOWERING PETUNIAS

696 Simmers' Double Large Flowering Fringed, Mixed

—Our new selected types have deeper and finer fringe, brighter and more delicate colorings, of purer tones and greater variety than ever before offered. It is well known that the double Petunia, grown from seed produces but a small percentage of double flowers. The balance are single flowers of the same rich shade. The weaker seedlings should be carefully selected, as these always produce double flowers. Pkt 50c.

697 Double "Snowball"—New double white. Pkt 50c.

698 Double Mixed—Seed from double flowers grown in pots. Pkt 25c.



Shirley or Silk Poppy. Pkt 10c.



Oriental Hybrid Poppies

POPPIES

Most popular hardy annuals and perennials, with flowers of unusual brilliancy of color.

SINGLE ANNUAL VARIETIES

699 Tulip—A magnificent species; the plants grow about 14 inches high and produce from 50 to 60 large and splendid flowers of the most dazzling scarlet. Pkt 10c.

700 Persian (*Papaver Loevigatum*)—Color brilliant scarlet, with shining black spots surrounded by a clearly defined white margin at the base of each petal. Height 2½ feet. Pkt 10c, 3 for 25c.

701 Peacock—The most striking feature of the flowers is the conspicuous glossy zone which marks the petals forming a complete ring. Pkt 10c.

702 Admiral—Glistening pure white with a brilliant scarlet band around the top. Pkt 10c.

703 "Danebrog" or Maltese Cross—The flowers are of a dazzling scarlet color, each of the four petals is marked with a large, silvery-white blotch, forming a white cross upon scarlet ground. Pkt 10c.

704 Santa Rosa—Very delicate in color, petals beautifully crimped. Mixed colors. Pkt 10c.

705 Shirley—These charming Poppies are generally single, or semi-double. They range in color from pure white through the most delicate shades of pale pink, rose and carmine to the deepest crimson. Pkt 10c.

DOUBLE ANNUAL VARIETIES

706 The Mikado (American Flag)—The petals are whole at the base while the edges are frilled in the most pleasing manner. The flowers are of a pure white at the back, while the fringed edges are of a brilliant scarlet. Pkt 10c.

707 Double French or Carnation Flowered—3 feet high, double. Mixed colors. Pkt 10c, oz 25c.

708 Peony Flowered—Flowers in color and size equal to Peonies. Mixed colors. Pkt 10c, oz 25c.

709 Ranunculus Flowered—A double form of the well-known Shirley Poppy, mixed colors. Pkt 10c.

710 Ranunculus Flowered. Salmon Shades. Pkt 10c.

711 White Swan or Fairy Blush—18 inches high, enormous pure white double flowers. Pkt 10c, 3 pkts 25c.

712 Golden Gate—Exceedingly free blooming; the flowers single semi-double and double, of medium size in the largest variety of colors imaginable. Pkt 10c, 3 for 25c.

713 Simmers' "Special" Poppy Mixture—Comprises not only all the above named and described Poppies, but also a number of other sorts, specially purchased for this mixture, including some entirely new ones. Will make a grand display. Pkt 10c, 3 for 25c, oz 40c.

Poppy Collection—10 varieties, double and single, 1 pkt each, 75c.

HARDY PERENNIAL VARIETIES

Iceland (*Papaver Nudigule*)—These beautiful perennial Poppies produce flowers in great abundance the first year from seed. The colors range from the purest white and yellow to the deepest glowing orange scarlet and have a delicious fragrance.

714 White. Pkt 10c.

716 Orange. Pkt 10c.

715 Yellow. Pkt 10c.

717 Mixed. Pkt 10c.

718 Oriental Hybrids (Oriental Poppy)—The colors range from soft flesh and rose to the most dazzling scarlet and richest maroon purple. The flowers are often 6 inches across and endure the longest of any poppy we know. Hardy perennials. Pkt 10c.

719 The Great White California Poppy (*Romneya Coulteri*)—Perennial of stately beauty. Flowers are large, 4 to 5 inches across, pure white with a fine bunch of yellow stamens. Height, 6 to 8 feet. Pkt 10c.



Chinese Primrose. Pkt 25c.

The Chinese Primrose seed we offer is of the highest merit, and has, as usual, been saved from the best strains obtainable.

CHINESE PRIMROSE

For house culture as well as for the greenhouse no plant is more acceptable than this class, as it can be made to yield an abundance of flowers all the year round.

720 Chinese Primrose Mixed—The culture of these lovely flowers is much easier than most people think. Our mixture includes only the choicest colors of the single flowering Primulas in all their dainty shades. Pkt 25c.

721 Erecta Superba—White fringed, borne in bunches well above the foliage. Pkt 25c.

722 Kermesina Splendens—Deep pink, fringed. Pkt 25c.

723 Snow Queen—Finest pure white flowers of large size, thrown well above the foliage. The flowers are of good substance and elegant form. Pkt 35c.

724 Holborn Blue—A distinct variety, with azure-blue flowers borne above the foliage. Pkt 25c.

725 Fern-Leaved—(Macrophylla Fimbriata)—With long, massive fern-like foliage and beautiful flowers of great substance and elegant form, finely fringed, great variety of colors, mixed. Pkt 25c.

726 Punctata Elegantissima—Crimson, spotted white. Pkt 25c.

727 Williams' Prize—Dark red, large flowering fringed; extra fine for pots. Pkt 25c.

728 Chiswick Perfection Red or Magenta Queen—Large brilliant scarlet. Pkt 25c.

729 Alba Magnifica—The finest pure white variety; flowers 2½ inches across with large yellow eye. Pkt 25c.

730 Stellata—(Star Primrose)—The plants remain in flower for a long time, and are very generous bloomers. Finest mixed. Pkt 25c.

731 Erecta Superba, Double White—Double flowering variety of Erecta Superba, single; reproduces well from seed. Pkt 50c.

732 Double Mixed—Pkt 50c.

HARDY
PRIMROSES

The popular garden Primrose is one of our earliest flowering hardy perennials, well suited for edging, and in a great variety of colors.

733 Vulgaris—The old-fashioned common yellow primrose. Pkt 10c.

734 Japonica (Japanese Primrose)—Of robust growth, rich magenta flowers. Pkt 10c.

735 Cortusoides (Siberian Primrose)—Early rose-purple flowering hardy perennial. Pkt 10c.

See also Auricula Cowslip and Polyanthus.



Primula Erecta Superba. (Double White)

VARIOUS
PRIMULAS

736 Obconica Grandiflora—One of the most useful plants grown, if sown early in spring will begin to bloom in May or June, and continue throughout the year. Mixed. Pkt 10c.

737 Obconica Grandiflora—White. Pkt 20c.

738 Obconica Grandiflora—Scarlet Red. Pkt 20c.

739 Obconica Grandiflora—Pink. Pkt 20c.

740 Obconica Grandiflora—Light blue. Pkt 20c.

741 Floribunda—One of the prettiest and best Primroses, same general character as P. Obconica, only a lovely shade of primrose yellow. Fragrant, free blooming. Pkt 10c.

742 Primula Forbesi or Baby Primrose—The seed comes up very readily, and the little plants throw up tiny flower stalks when only a few weeks old. Pkt 15c.

743 Kewensis—A strong grower, 10 to 18 inches high, free flowering, fragrant, bright yellow, nearly an inch in diameter, useful for table decoration. Pkt 25c.



Primula Obconica Grandiflora

PYRETHRUM (Feverfew)

YELLOW FOLIAGE SORTS FOR BEDDING



Pyrethrum or Golden Feather. Pkt 10c.

744 Parthenifolium Aureum—Golden yellow dwarf, bedding plant known as **Golden Feather**. Pkt 10c.

745 Golden Gem—The double-flowering variety of the preceding. Pkt 10c.

746 Selaginoides—A beautiful variety, handsome fern-like foliage. Pkt 10c.

PERENNIAL FLOWERING SORTS

747 Single Hybrids—Large flowering mixed. Hardy perennial, bearing large Aster-shaped flowers, ranging in color from light pink to deep red with bright yellow centres; 2 feet. Pkt 10c.

748 Double Hybrids—Large flowering. Colors same as single varieties; mixed, 1½ feet. Pkt 25c.

ROSES

749 Dwarf Polyantha or Fairy Rose—Roses from seed the first year. Seed sown in February in the house may be had in bloom in June in the open ground, where they continue to bloom throughout the season. The plants are dwarf and bushy, growing only about 1 foot high and very pretty for solid beds and borders. Pkt 10c, 3 for 25c.

750 Mixed Hybrids—The seed we offer is from the best mixture of hybrid perpetual and moss roses, which flower the second year. Pkt 10c.

RHODANTHE

One of the neatest of the genus of flowering half-hardy annual everlasting. of low growth, in different shades of bright pink and white, with yellow disc.

751 Maculata—1 foot, deep pink. Pkt 10c.

752 Alba—Pure white. Pkt 10c.

753 Atrosanguinea—Dwarf, purplish crimson. Pkt 10c.

RUDBECKIA
(Texas Cone
Flower)

754 Bicolor Superba—A hardy annual of compact branching growth, producing flowers about 3 inches in diameter, of a bright yellow, red and blackish purple disc. Pkt, 10c.

755 Superba Semiplena—Grows 2 to 2½ feet high, semi-double golden-yellow flowers. Pkt 10c.

756 Fulgida Variabilis—Perennial, profuse bloomer, mixture of types and colors. Pkt 10c.



Rhodanthe Maculata

SALPIGLOSSIS

(Painted Tube Tongue)

One of the most beautiful of flowering annuals; the flowers are large, of many beautiful colors and exquisitely veined and laced; 1½ feet high.

757 Mixed—Large flowering, Pkt 10c.

758 Emperor—A new type of this beautiful garden annual, growing in upright form. Well-furnished with large petunia-shaped flowers, 3 to 4 inches across, of various colors, all of which are intricately netted and veined with golden yellow. Mixed colors. Pkt 10c.



**Salpiglossis
Emperor**
Pkt 10c.

SEDUM (Stone Crop)

759 Mixed—Pretty little plants, growing freely on rock or rustic work also on ornamental mounds, where they flower in great profusion; hardy annuals. Pkt 10c.



Salvia, Clara Bedman (Bonfire) Pkt 10c.

SALVIA (Flowering Sage)

(Best results are obtained by starting in a hot-bed)

760 Splendens (Large Flowering Scarlet Sage)—The plants grow from 1½ to 3 feet in height and form dense bushes, completely covered with showy sprays of most dazzling scarlet flowers. Pkt 10c.

761 Clara Bedman (Bonfire)—The plants form handsome globular bushes about 2 feet high by 2 feet in diameter. The spikes grow erect and stand clear above the foliage, completely covering the plant, and are of the most brilliant dazzling scarlet. Pkt 10c, 3 pkts 25c.

762 "Burning Bush"—This variety forms strong, sturdy bushes 2½ feet high, bearing handsome spikes of flowers, many of them being over 18 inches in length; color intensely rich scarlet. Pkt 10c.

763 "Zurich"—Free flowering dwarf sort, brilliant scarlet. Pkt 10c.

764 "Silverspot"—The leaves are rich, soft dark green, with light sulphur or cream colored spots of various size liberally sprinkled over them. The intense bright scarlet flowers are very large, and the plants of neat, compact habit and very floriferous. Pkt 10c.

765 "Lord Fauntleroy"—Only 18 inches high; very compact, with flower spikes standing clear above the foliage. Fine for bedding in or for borders around beds of taller plants; also fine for pots. Earliest flowering of all. Pkt 10c.

766 Coccinea—1 foot high, scarlet flowers, annual. Pkt 10c.

767 Farinacea—3 feet, showing long spikes of blue flowers; annual Pkt 10c.

768 Patens—2 feet high, biennial, flowers of purest sky-blue imaginable. Pkt 10c.

769 Argentea—Silver leaves, blue flowers, 2 feet high, beautiful perennial. Pkt 10c.

SAXIFRAGA

770 Huetti—Hardy, perennial of trailing habit, with yellow flowers, or shady places, rockeries or hanging baskets, flowering abundantly and constantly. Pkt 10c.

771 Umbrosa (London Pride)—A low growing, spreading sort, with white flowers, sometimes suffused with red. Pkt 25c.

SANVITALIA

772 Procumbens, fl. pl.—Beautiful trailing annual, well adapted from its compact growth for covering beds in the flower garden; the double flowers are large in proportion to the plant; of rich brown and yellow. Pkt 10c.

SCABIOSA

(Mourning Bride or Sweet Scabious)
The Mourning Bride or "Sweet Scabious" of our old garden, but much improved in size, colors and doubleness. They are very free bloomers, the colors white, carmine, lilac, maroon, etc. Excellent for bouquets.

773 Snowball—The flowers of this pretty Scabiosa are large, measuring fully 2 inches in diameter, of purest snow-white, very double. The stems are very stiff and strong, and the foliage a luxuriant green. Pkt 10c, 3 for 25c.

774 Golden Yellow—This long desired color has now been obtained after years of selection. The flowers are double and of a pure yellow color. Pkt 10c.

775 Tall Double Large Flowered Mixed—Pkt 10c.

776 Dwarf Mixed—All colors, 1 foot high; large flowers and robust in growth. Pkt 10c.

777 Caucasica—One of the handsomest of hardy perennials, especially valuable for cutting; the blooms lasting a long time in water, lilac blue, 3 feet. Pkt 10c.

778 SCARLET RUNNERS—Pkt 10c.

SCHIZANTHUS

(Butterfly Flower)

Few plants are more attractive, whether in pots or in the border; they are of branching habit, well covered with flowers resembling a butterfly; hardy annual.

779 Large flowering Fine Mixed—2 feet high, flowers orange and carmine shaded, spotted with yellow. Pkt 10c.



**Schizanthus
large flowering**
Pkt 10c.

when touched or shaken. Pkt 10c.

SILENE

Elegant dwarf bushy annuals, bearing a profusion of bright, attractive flowers, through spring and summer. Admirable for beds, borders and rock work.

783 Pendula Ruberrima—Carmine rose flowers. Pkt 10c.

784 Ruberrima, fl. pl.—Double flowering variety of the preceding. Pkt 10c.

SMILAX

A splendid perennial greenhouse or parlor climber

785 Medeola Asparagoides—Pkt 10c, oz 50c.

Snapdragon—(See Antirrhinum).

SOLANUM

Very elegant, highly ornamental, interesting genus of fruit-bearing plants.

786 Marginatum—3 feet high, leaves white-edged and veined. Pkt 15c.

787 Capsicastrum Little Gem or Jerusalem Cherry—2 feet high, scarlet berries like cherries, beautiful for parlor. Pkt 10c.

STEVIA

788 Serrata White—For pot culture or the border; half-hardy perennial. Pkt 10c.

Sweet William—(See Dianthus).

Sunflower—(See Helianthus).



Sanvitalia Procumbens, fl. pl.
Pkt 10c.



**Sweet Scabious or Mourning
Bride.** Pkt 10c.

SEA LAVENDER

(Everlasting Statice)

780 Statice Bonduelli—1 foot, bright yellow. Pkt 10c.

SENECIO

(Jacobaea)

781 Elegans—Double mixed. Valuable hardy annuals, compact, bushy in growth, 1 foot high; adapted for bedding or indoor culture, producing multitudes of tassel-shaped small flowers. Pkt 10c.

SENSITIVE PLANT

(Touch Me Not)

782 Mimosa Pudica—Height 1½ feet, a curious and interesting annual, with pinkish white flowers; the leaves close and droop

SWEET PEAS

OUR MIXTURES

789 SIMMERS' GIANT "GILT EDGE" MIXTURE—This is a very complete and up-to-date mixture, composed of all the best of the large flowering varieties, including many choice varieties not offered in our list, as well as some of the Spencer and Unwin types, making a garden planted with our mixture a continued joy and surprise. Pkt 5c, oz 15c, $\frac{1}{4}$ lb 35c, per lb \$1.20.

790 Eckford's Up-to-Date Mixture—This mixture is made up from thirty varieties. Pkt 5c, oz 10c, $\frac{1}{4}$ lb 30c, lb \$1.00

791 Fine Mixed—This strain contains a beautiful assortment. Pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 25c, lb 80c.

792 White and Primrose Shades—Mixed.

793 Shades of Blue and Mauve—Mixed.

794 Striped, Flaked and Clouded—Mixed.

795 Scarlet, Magenta, Claret, Maroon—Mixed.

796 Rose and Pink Shades—Mixed.

Any of the above—Pkt 5c, oz 10c, 2 oz 20c, $\frac{1}{4}$ lb 30c, lb \$1.00.



Simmers' Superb Spencer Mixture

"Sweet Pea Culture"

A guide to the culture of Sweet Peas, published by J. A. Simmers, Limited. Price 15c. or Free with 50c. orders for Sweet Peas, when asked for.

Type of large-flowering Sweet Pea

LARGE-FLOWERING VARIETIES

- 797 **America**—Cardinal stripe on white ground.
- 798 **Black Knight**—Deep maroon, self colored.
- 799 **Dorothy Eckford**—Pure white, of fine substance.
- 800 **Earliest of all**—Pink and white.
- 801 **Emily Henderson**—Pure white.
- 802 **Extra Early Blanche Ferry**—Pink and white.
- 803 **Helen Pierce**—Marbled blue on a white ground.
- 804 **Hon. Mrs. E. Kenyon**—Deep primrose color, very large
- 805 **King Edward VII.**—The largest and finest crimson scarlet.
- 806 **Lady Grisel Hamilton**—Lavender, the best large flowering.
- 807 **Lord Nelson**—Deep violet-blue.
- 808 **Lottie Eckford**—Lavender, shaded pink and white.
- 809 **Lovely**—Soft shell pink.
- 810 **Miss Wilmott**—Rich deep orange pink, enormous size.
- 811 **Mont Blanc**—White, one of the earliest.
- 812 **Othello**—Deep glossy maroon.
- 813 **Prima Donna**—Lovely shade of soft pink.
- 814 **Prince of Wales**—Bright rose.
- 815 **Prince Olaf**—Bright blue striped.
- 816 **Queen Victoria**—Opens blush, turning to clear primrose.
- 817 **Rose du Barri**—A combination of deep, rich carmine rose and orange.
- 818 **Royal Rose**—Deep rosy pink.
- 819 **Salopian**—Best of the deep crimson.

Price of Named Varieties—Pkt 5c, oz 15c, 2 oz 20c, $\frac{1}{4}$ lb 40c

Customers' selection of any six 5c packages for 25c. Any twelve packages for 45c.

PERENNIAL SWEET PEAS

These Peas, while lacking the delicious fragrance of the Sweet Peas, are equally as beautiful, and are very valuable from the fact that they are in full bloom early in the spring, before the others have begun to flower. They bear magnificent clusters of flowers. Perfectly hardy.

820 Pink Beauty—Charming rose pink. Pkt 10c.

821 Red—Pkt 10c.

822 White—Pkt 10c.

One pkt. each of the three Perennial Sweet Peas, 25c.

SPENCER AND WAVED VARIETIES

The waved or Spencer class, now preferred by leading florists, are strong growers, bearing long stems and very large blossoms, with usually 4 blossoms to a stem. The standard is always large, round and wavy on the edges. The wings too are always large and more or less wavy. They set very few seed pods, and for this reason continue long in bloom.

- 823 **Margaret Atlee**—Salmon pink on creamy buff ground. Pkt 15c, oz 40c.
- 824 **New Margaret Madison**—Delicate azure blue, tinted mauve. Pkt 15c, oz 40c.
- 825 **Royal Purple**—Rich purple, very fine. Pkt 15c, oz 40c.
- 826 **Helen Pierce Spencer**—Bright blue, marbled and overlaid on ivory white. Pkt 15c, oz 40c.
- 827 **King White**—Pure white, of immense size. Pkt 15c, oz 40c.
- 828 **Wedgewood**—Beautiful blue. Pkt 15c, oz 40c.
- 829 **Illuminator**—Glowing orange scarlet. Pkt 15c, oz 40c.
- 830 **Veiled Bride**—Light pink marbled on ivory ground. Pkt 15c, oz 40c.
- 831 **New Mirian Beaver**—Bright apricot pink on primrose ground. Pkt 15c, oz 40c.
- 832 **Dobbie's Cream**—Deep cream or primrose. Pkt 15c, oz 40c.
- 833 **Geo. Herbert**—Bright rosy carmine. Pkt 15c, oz 40c.
- 834 **R. F. Felton**—Lavender, the best of its color. Pkt 15c, oz 40c.
- 835 **Thos. Stevenson**—Rich orange scarlet. Pkt 15c, oz 40c.
- 836 **Constance Hinton**—Very large white. Pkt 15c, oz 40c.
- 837 **Florence Nightingale**—Very large lavender. Pkt 10c, oz 30c.
- 838 **Dainty Spencer**—Pure White with pink margin. Pkt 10c, oz 30c.
- 839 **Tennant Spencer**—Clear purple mauve. Pkt 10c, oz 30c.
- 840 **Mrs. Hugh Dickson**—Light pink on primrose ground. Pkt 10c, oz 30c.
- 841 **King Edward Spencer**—Brilliant Red. Pkt 10c, oz 30c.
- 842 **Flora Norton Spencer**—Bright blue, tinted purple. Pkt 10c, oz 30c.
- 843 **Primrose Spencer**—Primrose; very large. Pkt 10c, oz 30c.
- 844 **White Spencer**—Pure white. Pkt 10c, oz 30c.
- 847 Simmers' Superb Spencer Mixture**—Pkt 10c, oz 25c, 2 oz 45c, $\frac{1}{4}$ lb 80c, lb \$3.00

BUSH SWEET PEAS

The bush Sweet Pea grows in perfect bush form. It requires no trellis like the Tall Sweet Peas. An average bush grows 16 to 18 inches high by from 12 to 14 inches wide.

845 Mixed—Pkt 5c, oz 20c, 2 oz 35c, $\frac{1}{4}$ lb 50c.

DWARF or CUPID SWEET PEAS

846 These are a low-growing, spreading variety, excellent for borders. Mixed colors only. Pkt 5c, oz 20c, 2 oz 35c, $\frac{1}{4}$ lb 50c.



Perennial Sweet Peas

STOCKS (GILLY FLOWER)



Ten Weeks' Pyramidal Globe Stocks

Weeks' Stock—A superb variety producing grand central spike of beautiful flowers, the plant afterwards branching. Potted up will bloom splendidly under glass in winter.

855 **Pillar of Snow**—White. Pkt 10c.

856 **Blood Red** (Gloria)—Most effective, producing one spike with fine flowers. Pkt 10c.

857 **Crimson**.—Pkt 10c.

858 **Reddish Brown**. Pkt 10c.

OTHER VARIETIES

859 **Improved "Snowflake"**—Flowers pure white, unusually large and double; extremely early. Pkt 15c.

860 **"Cut and Come Again," or Princess Alice**—The well-known profuse and perpetual-blooming double white variety; very fragrant. Pkt 10c.

861 **Dwarf Queen**—Fiery blood-red, beautiful pyramidal shape Pkt 10c.

862 **Brompton—Beauty of Nice**—Pink. Pkt 10c.

863 " " **—Giant of Nice**—Flesh color. Pkt 10c.

864 " " **—Queen Alexandra**—Lilac rose Pkt 10c.

865 " " **—Empress Elizabeth**—Carmine rose. Pkt 10c.

866 " " **—White Lady**—Pure white. Pkt 15c.

867 " " **—Mixed**—Half-hardy biennial bushy plants, producing a beautiful display of double flowers, mixed colors, 2 feet high. Pkt 10c.

868 **East Lothian**—Pure white, invaluable for florists. Pkt 10c.

869 " " **—Mixed colors**. Pkt 10c.

870 **Giant Emperor, or Perpetual**—These make very bushy and branching plants with an abundance of flower. Sow in July or August, and they will bloom in winter. Many colors in the finest mixture. Pkt 10c.

871 **Giant Emperor White**—For florists' use; very fine. Pkt 10c.

COLLECTIONS OF STOCKS

Large Pyramidal Double Ten Weeks—1 pkt each, 10 colors, 75c.

Large Pyramidal Double Ten Weeks—One pkt each, 6 colors, 40c.

Sweet Sultans—(See Centaurea).

SWAINSONIA GRANDIFLORA ALBA

872 A very popular plant for house culture. Loaded from tip to base with graceful sprays of large, pure white, Sweet Pea-like flowers; 1 to 4 ft high. Pkt 10c.

THUNBERGIA

873 **Alata** (Black-Eyed Susan)—Beautiful trailing plant for baskets and lawn vases. May also be trained to climb. All colors mixed. Pkt 10c.

TAGETES SIGNATA PUMILA

874 **Dwarf** annual, flowering in profusion throughout summer and autumn; color bright yellow; very effective in low beds, 1 foot. Pkt 10c.

The Stock is one of the most popular annuals, either for bedding or pot culture; for brilliancy and diversity of color, fragrance, profusion and duration of bloom it is unsurpassed. For early flowering, sow in the house in February or March and plant in the open ground in May, when danger of frost is over. Nine to eighteen inches high, half-hardy annual.

TEN WEEK STOCKS

Large Flowering Globe Pyramidal—Immense spikes of perfectly double flowers. The large double flowers are produced in great profusion, the spikes being compactly pyramidal in shape, and the plants of neat habit of growth.

848 Crimson	Pkt 10
849 Light Blue	" 10
850 Purple	" 10
851 Pure White	" 10
852 Bright Pink ...	" 10
853 Mixed	" 10

854 **Bismarck**
—Large, pure white, double flowers. Pkt 15c.

Mammoth Column Ten



Simmers' Mammoth Verbenas. Pkt 10c.

VERBENAS

875 **Yellow Leaved** (Golden Bedder)—A golden yellow foliage, which forms a striking contrast to the flowers. Mixed, pkt 10c.

876 **Venosa, Purple**—Profuse bloomer. Good bedder. Pkt 10c.

877 **Erinoides** (Moss Verbena)—Purplish-blue flowers, blooms profusely from June until November. For beds, baskets or rockeries it is highly desirable. Pkt 10c.

878 **Citriodora** (Lemon-scented Verbena)—The leaves are delightfully fragrant and refreshing. Grows easily from seed. Pkt 10c.

879 **Tom Thumb** (Hybrida Compacta)—Of exceedingly dwarf, compact growth, six inches in height, very spreading. Mixed colors. Pkt 10c.

MAMMOTH VERBENAS

Grandiflora Mammoth Strain—This distinct and superb class of Verbenas is a remarkable improvement on the older varieties. It produces flowers of an enormous size, the florets being fully one inch in diameter, with clearly defined margins and white eyes.

880 **Blue**. Pkt 10c.

881 **Lutea (Yellow)**. Pkt 10c.

882 **Striata (Striped)**. Pkt 10c.

883 **Scarlet Defiance**—Brightest scarlet. Pkt 10c, 1/2 oz 75c.

884 **Pure White "Snowball"**—A fine large flowering strain. Pkt 10c, 1/2 oz 75c.

885 **Auricula**—Splendid colors, with large white eye. Pkt 10c.

886 **Very Choice Mixed**—Pkt 10c, 3 pkts 25c, 1/2 oz 50c.

TORENIA

For hanging baskets or culture in pots it is unsurpassed and in summer its brilliancy adds a pleasing variety to outdoor decorations. Tender annual.

887 **Fournieri, or Edentula**—Sky-blue flowers, indigo blue spots, yellow throat, free bloomer. Pkt 10c.

888 **Ballioni**—Golden yellow with dark throat, distinct. Pkt 10c.

889 **"White Wings"**—Pure white flushed rose. Pkt 15c.

TUNICA

890 **Saxifraga**—Very neat, dwarf trailing hardy perennial, covered with pretty white flowers, good for edging. Pkt 10c.

VENUS' LOOKING GLASS

891 **Campanula Speculum**—A free flowering, pretty little plant, adapted for beds or rock work, ribbons or edgings. The plants form a small spreading mass about nine inches high; blue. Pkt 10c.

VERONICA

892 **Early flowering, hardy perennials, mixed**. Pkt 10c.

VIOLA or TUFTED PANSIES

While the Pansy proper is essentially a spring flower; the Violas here offered flower throughout the entire season. Seed sown in spring produce flowering plants by June, and from then on until frost they are a sheet of bloom.

893 **Viola Cornuta**—Finest mixed. Pkt 10c.

VINCA

(Madagascar Periwinkle, or Old Maid)

Ornamental free-blooming plants, and one of the most satisfactory bedding plants we have. They flower from seed the first season, continuing until frost; or they may be potted and kept in bloom throughout the winter; a fine cut flower; 2 feet.

894 **Rosea**—Rosy flowers, glossy oval-shaped leaves. Pkt 10c.

895 **Alba**—White flowering. Pkt 10c.



Viola, or Tufted Pansies. Pkt 10c.

VIOLET

896 *Odorata Semperflorens* (Single Ever-flowering Violets)—The "Sweet English Violet," prized for its delicate color. 6 inches high. Pkt 10c

VIRGINIAN STOCK

Hardy, low-growing, profuse flowering annuals, for hedges, small beds, or pot culture.

897 *Cheiranthus Maritimus*—Mixed. Pkt 5c, oz 30c.

VISCARIA

898 *Hybrida*—Pretty, profuse flowering, hardy, low growing annuals of easy culture in any soil. Mixed colors. Pkt 10c.

WAITZIA

899 *Grandiflora*—Half-hardy, everlasting annuals, 6 inches high, large yellow flowers. Pkt 10c.

WALLFLOWER

The flowers of the Wall-flower are deliciously fragrant; the large, massive, conspicuous spikes of the double varieties have a charming effect, while the more bushy, compact growth and profuse blooming of the single ones render them exceedingly attractive, h.h.p.

900 *Double Branching*. Mixed. Pkt 10c.

901 *Harbinger*. — Rich, blood red, 1 foot. Pkt 10c.

902 *Single*—Mixed. Pkt 10c.

903 *Single Annual Wallflower*—This variety will flower throughout the summer and fall, from seed sown in the spring. Mixed colors. Pkt 10c.

WHITLAVIA

904 *Grandiflora*—Free-flowering hardy annuals, 18 in. high, bell shaped flowers, 1 inch long, violet blue and white mixed. Pkt 10c.

WILD CUCUMBER VINE

905 This is the quickest growing climber in our list. It will grow 30 feet in one season, has dense graceful foliage, which is thickly dotted over with pretty white, fragrant flowers. These in turn are followed by an abundance of small ornamental and prickly seed pods. Once planted this vine seeds itself and comes up every year. Pkt 5c, oz 20c, 2 oz 35c, ½ lb 60c.

WIGANDIA

906 Grand and magnificent plant, with immense leaves richly veined, and stems covered with crimson hair. Of rapid growth. It forms one of the finest objects among ornamental foliage plants. Pkt 10c.

XERANTHEMUM

907 *Annuum*—Double white. Pkt 10c.

908 *Imperiale*—Double dark violet purple. Pkt 10c.

909 *Superbissimum*, fl. pl.—Distinct, double, mixed colors. Pkt 10c

ZEA (Ornamental Maize)

Compact in habit, very long and drooping leaves, elegantly striped; a very effective plant, especially in groups and masses.

910 *Japonica Variegata*—Pkt 10c, oz 30c.

911 *Japonica Gigantea Quadricolor*—Pkt 10c, oz 30c.

912 *Gracillima Variegata Gigantea*—Pkt 10c, oz 30c.

ZINNIA

Youth and Old Age.

The Double Zinnia with its flowers large and beautifully formed are exceedingly handsome. Few plants in the flower border are more effective; and scarcely any flower, when cut, is more suitable for table bouquets.

Being of rather robust habit, it requires but moderately rich soil; the seed may be sown in the open ground or indoors, according to the time it is desired to flower; half-hardy annual.

TALL DOUBLE

913 *Elegans*—Mixed. Pkt 10c.

914 *Scarlet*—Double, fiery scarlet flowers. Pkt 10c.

915 *White*—Pkt 10c.

916 *Sulphur Yellow*—Flowers large perfect shape. Pkt 10c.

Zinnia, Elegans. Double Large Flowering

DWARF DOUBLE—More compact and of neater habit than the tall varieties.

917 *Bright Scarlet*—(Fireball).

921 *Lilac*

918 *"Snowball"*—White.

922 *Rose*

919 *Golden Yellow*.

923 *Mixed*

920 *Purple*.

Any of above, per pkt 10c.

924 *Pomponé or Lilliput*, Mixed—Dwarf, double, distinct; long cone shape, beautiful; flowers perfect in shape, the colors of which are exceedingly bright and showy; mixed. Pkt 10c.

925 *Haageana*, fl. pl. (Mexican Zinnia)—A splendid double variety; flowers deep orange, keeping its color when dried as a winter flower. Pkt 10c.

926 *Zebra*—The flowers of this selection are perfect in shape, of all colors and are beautifully striped, spotted and blotched with different shades. Plants symmetrical and compact, about 2 feet high; mixed colors. Pkt 10c.

Collection Double Zinnias, 1 pkt each, 6 distinct varieties, 50c.

"SIMMERS' SURPRISE MIXTURE OF ANNUAL FLOWERS"

927 These mixed flower seeds embrace more than a hundred varieties of such easy-growing and pretty flowers as are suitable for forming a wild flower garden. They are very useful for woodland walks, roadsides, and for sowing

alongside of fences and on any untidy bare spots of ground which are frequently unsightly, and which, if properly cared for and kept free from weeds, can be made to produce a continual display of bloom during the summer. Pkt 5c, oz 20c, ½ lb 60c, lb \$2.00.

OUR CHILDREN'S FLOWER GARDEN

928 Nothing appeals so to a young fancy as bright colors and beauty of form. With a small expense of labor, the Kindergarten can be transformed into a delightfully attractive spot, and form the most instructive of school-rooms and the happiest of playgrounds. This mixture embraces over 100 sorts of easy-growing flowers. Pkt 5c, oz 20c, ½ lb 60c, lb \$2.00.

DAHLIAS



Double Mixed Dahlias

DECORATIVE CACTUS DAHLIAS

This group is generally sold as Cactus Dahlias, but is entirely distinct. In form they are about half-way between the show and cactus varieties, the petals are long, broad, beautiful and regular, though they vary in form in different varieties. Splendid for decoration.

Cora Gleason—Rich, velvety crimson.

Cuban Giant—Rich velvety purple, shading maroon.

Grand Duke Alexis—Large ivory white, petals edged delicate pink.

Jack Rose—The exact shade of the popular "Jack" Rose, hence its name.

Jumbo—Bright crimson, large loose flower.

Lady Grey—Beautiful old rose, free bloomer.

Mammoth Queen—Deep blood red.

Miss Minnie McCullough—Soft yellow, overlaid with bronze.

Princess Juliana—Free flowering and early, pure white.

PRICE—25c each; any 3 for 70c; per doz \$2.50.

PÆONY FLOWERED DAHLIAS

Electra—A most pleasing lavender tinted mauve.

H. J. Lovink—Very large, soft lilac, fine form.

King Leopold—Creamy yellow shading to deep primrose.

Queen Emma—A charming shade of pink, the inner petals banded with gold.

Rev. J. H. Kitchen—Yellow centre shading to pink.

Zeppelin—Extra fine, free flowering, violet mauve, suffused silver.

SINGLE DAHLIAS

Firefly—Bright flaming red, very showy.

Hazel Heiter—Bright crimson-carmine, with deeper shadings, base of petals yellow.

Rose Pink Century—Clear rose pink, immense size.

Twentieth Century—Intense rosy crimson with white tips.

PRICE—25c each; 3 for 70c, \$2.50 per doz.

HEAVY DAHLIA STAKES

Green painted, wooden

3 feet.....	Per doz....	60c.	Per 100.....	\$4 50
4 ".....	"	\$1 00	"	8 00
5 ".....	"	1 50	"	12 00
6 ".....	"	1 75	"	14 00

SHOW DAHLIAS

Show Dahlias are usually of one solid color, but in some varieties a pleasing combination of colors is found. They are round and compact, very desirable for cut flowers.

Arabella—Pale primrose, tipped and shaded old rose and lavender.

Bird of Passage—White, tipped pink.

British Splendor—Large, bright red, free bloomer.

Goldfinch—Yellow and red.

John Thorpe—A fine, large, solferino-red.

King Edward 7th—Large yellow flowers of beautiful form, very free.

Lieberheimer—Bright red, quilled petals.

Marguerite Bruant—Pure white, dwarf and free.

Uncertainty—Varies from white, striped and carmine, to solid crimson maroon on the same plant.

Vesta—A dwarf bedding variety of exceptional merit, color pure white.

PRICE—25c each; any 3 for 70c; doz \$2.50.

MIXED DAHLIAS

We have a large stock of Mixed Dahlia Roots from which the labels have been lost, among them will be found some of our very best varieties. We offer these for 20c each, 3 for 55c, \$2.00 per doz.

CANE STAKES FOR DAHLIAS

Extra heavy, 9 to 10 feet long, per doz 40c, per 100, \$3.00. May be cut into lengths to suit.

The Dahlia is the greatest autumn flower we have. There is nothing to equal it in September or October when everything else is faded or fading, and it surrenders only to frost. Tubers should be planted when the season becomes warm, covering the neck about three inches. If many shoots start thin out. Take up plants before hard frost, cut off tops, dry the tubers a little, and put in cellar until spring. There are six distinct classes, viz.—**Tall Double, Dwarf Pompon, Decorative Cactus, True Cactus, Single, and Pæony-flowered.** All are grand and the entire collection should be planted. Tubers can be sent as soon as all danger from frost is past, about April 1st.

Please Note.—Dahlias herein offered are all field grown roots except where noted.

NEWER DAHLIAS

Delice (Decorative)—The finest pink decorative Dahlia. Flowers are borne on long, stiff stems, well above the foliage, excellent for cutting.

J. R. Baldwin (Decorative)—Orange buff, suffused red.

Kalif (Cactus)—Enormous flowers, often measuring over 9 inches in diameter, color pure scarlet, very free flowering.

Mina Burgle (Dec.)—One of the freest flowering varieties, enormous flowers of rich, dark scarlet, borne on long stiff stems.

Miss Stredwick (Cactus)—A beautiful color combination; the center is a soft yellow, passing to a beautiful deep pink, which again turns to a light pink at tip of petals.

Souv. de Gustave Doazan (Decorative)—Beautiful extra large clear red.

White Colosse (Single)—Pure white, extra fine.

Started plants only of the above, 35c. each.

SPECIAL OFFER—The set of 7 Newer Varieties, \$2.25.

TRUE CACTUS DAHLIAS

This section is the most beautiful of the entire Dahlia family. The flowers are perfectly double, loosely arranged and irregular in outline, the petals are long, pointed and twisted. Colors of this class are most exquisitely delicate and refined, while the blending of shades and tints is surpassingly lovely.

Charles Woodbridge—Rich crimson purple.

Countess of Lonsdale—A peculiar but pleasing blending of salmon pink and amber. Flowers freely under all conditions.

Crepuscle—Large, yellow shaded deep orange.

Darkness—Dark purple.

Earl of Pembroke—Bright reddish purple, petals long and pointed.

Floradora—Dark crimson.

Gates Ajar—Deep, rich maroon, free bloomer.

Imperator—Dark velvety crimson, incurved petals.

Kriemhilde—Deep rosy pink with lighter centre.

Loyalty—Bright coral red.

Mary Farnsworth—Pure yellow, heavily tipped white.

Plearence—Rose pink shading to bronzy yellow at centre.

Starfish—Bright scarlet, flowers borne on long, stiff stems.

Rev. T. W. Jamieson—Large yellow changing to lilac-rose.

Winsome—Large, creamy white.

PRICE—25c each; any 3 for 70c; doz \$2.50.

DWARF POMPON DAHLIAS

So-called from their compact and dwarf habit of growth; flowers smaller than those of the tall Dahlias, but perfect and very double.

Dude—Flesh color, edged lavender pink.

Snowclad—Best white, very free flowering.

PRICE—25c each; 3 for 70c; per doz \$2.50.

GLADIOLUS

LARGE FLOWERING, BRILLIANT COLORS,
STRICTLY CHOICE BULBS

No Flower Garden is Complete without a Bed of Gladiolus

There is nothing to compare with the Gladiolus as a garden flower, thriving as they do under the most adverse conditions, and giving out a bountiful supply of handsome blooms, which cannot be surpassed for their brilliancy and varied colors. We are large growers of these bulbs and supply only varieties and mixtures that we know are the best to be obtained and such as will give complete satisfaction.

CULTURE—Gladiolus are of the simplest culture. Plant at any time from April to July, in any fairly good soil, well spaded. Set in rows three inches apart, or in masses, six inches apart each way. Plant in full sun, if possible, and keep down weeds. They bloom from July to October. After fall frosts, lift the bulbs, and, after removing the tops, let them dry for two or three weeks in any airy position, under cover. Then, after removing the roots store them in a cellar, or any cool, dry place, away from frost, for planting again the following spring.

NAMED VARIETIES OF GLADIOLUS

- America**—Beautiful large flowers, flesh pink.
Augusta—Lovely pure white, with blue anthers.
Attraction—Dark rich crimson, large white centre and throat.
Albion—Beautiful pure white, fine spike and strong grower.
Baron Hulot—Rich deep indigo shade. The finest blue Gladiolus yet seen.
Brenchleyensis—Vermillion scarlet.
Ceres—White, spotted rose.
Columbia—Light orange scarlet, freely blotched and pencilled with bluish purple.
Emma Thursby—White ground, carmine stripes through petals, blotch in the lower divisions.
Empress of India—Deep velvety maroon.
Emperor—Beautiful rosy orange flushed chamois.
Faust—Purplish carmine with white markings on lower petals.
Glory of Holland—Very fine white, tinted rose.
Golden West—Orange red overlaid with gold.
Halley—Early, fine pink, free bloomer.
Hollandia—Bright salmon orange, extra large spikes.
Isaac Buchanan—Yellow.
Lily Lehman—Pure white with faint blush pink edges.
May—White ground, slightly striped crimson.
Mrs. Francis King—Light scarlet of pleasing shade.
Prince of Wales—Salmon pink, tinted buff, yellow centre.
Princes—Brilliant scarlet crimson with white blotches on lower petals; flowers very large.
Princeline—Deep blood red, lower petals having a brown blotch with broad white margin.
Shakespeare—White, suffused carmine rose, large rosy blotch.
Schwaben—Clear canary yellow shading to sulphur.
White Excelsior—An excellent white variety, slightly tinted throat, fine for cutting.
Wm. Falconer—Spike of great length, with enormous flowers. Light pink and bluish mottled.
Willy Wigman—Delicate rose tinted cream, with large carmine-red blotch.

Any of the above 12c. each, \$1.20 per doz.

Primulinus Hybrids

These range in color through all the shades of yellow and orange, with occasionally some almost white. The flowers are gracefully arranged on long slender spikes, making them excellent for decorative purposes.

Each 7c; doz. 70c; 25 for \$1.25; per 100 \$4.00.

GIANT OR CHILDSI GLADIOLUS

The flowers are of great substance and of gigantic size. The form of both the flower and spike is perfection itself, but their most remarkable feature is their coloring. Orchids cannot surpass them in their varied and delicate shades, markings and blendings. Every color known among Gladiolus is represented, and many never before seen, particularly blues, smoke grays, and purple blacks, all having beautifully mottled and spotted throats, made up of white, crimson, pink, yellow.

Mixed Childsi—Price each 7c, 4 for 25c, 12 for 70c, 25 for \$1.25, 100 for \$4.00. at purchaser's expense.

Book on Gladiolus by Mathew Crawford and Dr. Van Fleet, 120 pages, Each, \$1.50.

Choice Newer Varieties

Blue Jay—The best of the blue section; its marking of blue and white giving it a strong resemblance to the bird from which it is named.
Each 25c.

War—Deep blood red, shaded crimson black.
Each 25c.

La Luna—Flowers large, pale yellow when first open, turning to pleasing white, when fully expanded, with small brown marking in throat.
Each 25c.

Lady de Walden—A fine yellow with dark blotch, very early. Each 15c.

Peace—Flowers large, of good form, color beautiful white, with lilac feathering on lower petals. Each 20c.



Gladiolus—Simmers' Fine Mixed

Niagara—In color the flowers are a delightful cream shade, the lower inside petals blending to canary yellow. Spike very stiff and erect, with broad dark green foliage. Each 25c.

Panama—A seedling of America, similar in all respects to the parent, except color, which is a deeper pink, flowers large and well arranged, spike very long. Each 30c.

Wild Rose—Very bright rose or blush tint, exceedingly delicate and pretty. This variety stands alone in its particular color, and needs only to be seen to be appreciated. Each 25c.

Europa—Considered by many to be the best pure white yet introduced, having the finest spikes as well as the best individual flowers. Each 25c.

One of each of the above collection, \$2.00.

Groff's Hybrid Gladiolus

(Originator's Own Selections)

Dark Hybrids, strong blooming bulbs, red, scarlet, cerise, pink salmon and crimson shades. Each 15c, doz. \$1.50, per 100 \$10.00.

Light Hybrids, strong blooming bulbs. Each 15c, doz. \$1.50, per 100 \$10.00.

Blue Hybrids, blue, lilac and heliotrope shades, strong blooming bulbs. Each 15c, doz. 1.50, per 100, \$10.00.

Yellow Hybrids. Each 15c, doz. \$1.50, per 100, \$10.00.

Gladiolus in Separate Colors

All Large Flowering Bulbs

	Each	per doz.	per 25	per 100
White and Light Varieties , mixed, superb.	05c	\$0 50	\$1 00	\$3 50
Pink and White Varieties —An ideal mixture	07	0 80	1 50	5 00
Striped and Variegated , extra fine mixed..	05	0 60	1 10	4 00
Pink Varieties , fine pink and rose shade....	05	0 50	1 00	3 50
Red and Scarlet Varieties , extra fine.....	04	0 45	0 85	3 00
Yellow and Orange Varieties , best yellow varieties.....	07	0 80	1 50	5 00
Groff's Hybrids , mixed.....	04	0 45	0 85	3 00

Our General Mixtures

Our mixed Gladiolus are very fine indeed, being choice varieties only. All old and common ones have been discarded, and customers can depend on having a large and magnificent variety of color.

	Each	per doz.	per 25	per 100	per 1000
Simmers' Extra Fine Mixed ...	04c	45c	85c	\$3 00	\$25 00
Lemoine's Seedlings , Mixed....	04	35	60	2 50	24 00

BEGONIAS (Tuberous Rooted)

These are certainly grand summer blooming plants for beds, whether singly or in masses. As pot plants they are also unequalled for their many varied colors of white, yellow, pink, scarlet and red—great waxy flowers measuring from three to six inches across. The double-flowering sorts resemble beautiful roses. Plant out in May, a foot or so apart, one inch deep, and keep well watered at all times. Take up on the approach of cold weather. For growing in pots start at any time after January.

Giant Single Varieties—Separate colors. White, Scarlet, Pink and Yellow. Each 10c, 4 for 30c, doz 75c, 25 for \$1.50, 100 for \$5.50.

Giant Single Mixed—Each 1c, 4 for 30c, doz 75c, 25 for \$1.35, 100 for \$5.00.

Giant Double Varieties—Separate colors. White, Rose, Scarlet and Yellow. Each 15c, 4 for 50c, doz \$1.50, 25 for \$2.75, 100 for \$10.00.

Giant Double Mixed—Each 12c, 4 for 45c, doz \$1.30, 25 for \$2.50, 100 for \$9.00.

SPECIAL OFFER. One bulb each color of Single White, Red, Pink and Yellow for 30c.
One bulb each color of Double White, Rose, Scarlet and Yellow for 50c.

FRILLED TUBEROUS BEGONIAS

This is unquestionably the finest of the tuberous-rooted section. The flowers are of large size, from 4 to 6 inches in diameter, with beautifully frilled and wavy petals, not unlike the finest single Petunias. 10c each, \$1.00 per doz.

FREE FLOWERING TUBEROUS-ROOTED BEGONIAS

A most useful and attractive type that has become a favorite for bedding, possessing the great advantage over other tuberous-rooted Begonias of delighting in sunshine. Of dwarf habit, growing from 8 to 10 inches high, throwing up well above the foliage numberless stems of dazzling flowers, giving the whole plant a brightness, grace and elegance difficult to describe.

Duke Zeppelin—Double, bright red. 20c each, 3 for 50c, \$1.75 doz.

Lafayette—Dazzling scarlet, double, 25c each, \$2.50 doz.

Bertini—Single, brownish red, 20c each, 3 for 50c, \$1.75 doz.

APIOS TUBEROSA Its clusters of rich, deep purple flowers have a strong, delicious violet fragrance. They grow to a great height and bloom profusely. The bulbs are hardy and need not be taken up. Each 5c, doz 50c.

BESSERA ELEGANS Flower stems from one to two feet high, bearing loose umbels of scarlet and white flowers. Each 7c, per doz 75c.

CYCLOBOTHRA FLAVA Narrow grassy foliage, and constant bloomer, flowers bell-shaped, bright yellow, dotted brown. Treated same as Gladiolus. Each 7c, doz 75c.

CHLIDANTHUS FRAGRANS The large flowers, which are borne in dense clusters during the months of July and August, are of a deep canary yellow color and extremely fragrant. Each 7c, doz 75c.

CINNAMON VINE (Dioscorea Batatas)

A rapid-growing climber, taking its name from the peculiar fragrance of the delicate white flowers. The leaves are heart-shaped, bright glossy green; growth is very rapid, reaching about eight feet in height, quite hardy. Good roots 5c each, 6 for 25c, doz 50c.

CRINUM

Kirkii—The grandest variety of this group. The flowers are fragrant, petals broad and white with deep purplish red stripe through centre. Usually two flower stalks are sent up, each bearing a large cluster of flowers. It blooms with the greatest freedom. Large bulbs, each 50c.

LARGE FLOWERING CANNAS

The Most Desirable Bedding Plant for the Canadian Garden.

How to Prepare a Canna Bed—These plants being strong growers require deeply-dug garden ground, well enriched with rotten manure; soil with some mixture of sand is best. After planting, water sparingly for a few days, until the plants have taken root; after well established and showing good leaf growth, increase the amount of water; when in full growth during hot weather they may be watered very freely. Set the plants 18 inches apart each way using the taller ones (see height in description) for the centre and the dwarfer kinds for outer circles with shortest ones at edge.

GREEN LEAVED VARIETIES

Allemania (Italian) (4 to 5 ft.)—Large flowers, salmon and yellow.
Alphonse Bouvier (5 ft.)—Brilliant crimson.
Chicago (5 ft.)—Clear, deep vermillion, a constant bloomer.
Duke of Marlborough (3½ ft.)—Rich, dark, velvety maroon.
Long Branch (5 ft.)—Large crimson, yellow border.
Madame Crozy (4 ft.)—Crimson scarlet, bordered with golden yellow.
Florence Vaughan (5 ft.)—Brilliant golden yellow, dotted bright scarlet.
Mephisto—Rich dark crimson.
Queen Charlotte (4 ft.)—Rich scarlet crimson with broad yellow band.
Souvenir d'Antoine Crozy (3 ft.)—Intense scarlet crimson, bordered with golden yellow.
Mrs. Kate Gray (Italian) (7 ft.)—Clear wine color, beautifully suffused with gold.
Mile. Berat (3½ ft.)—The nearest approach to a pink in bedding Cannas.
Prince Wied (4 ft.)—Rich deep crimson; good bedder.
Flamingo—Rich deep crimson.
Harry Laing (5 ft.)—Rich glowing scarlet, suffused with orange.
Furst Bismarck—Bright red.
Richard Wallace (4½ ft.)—Clear yellow.
Italia (5 ft.)—Bright orange-scarlet, with broad golden-yellow border.

DARK LEAVED VARIETIES

King Humbert (5 ft.)—Flowers large and freely produced, very broad leaves.
Africa—Deep bronzy leaves, large red flowers.
New York (5 ft.)—Rich crimson.
Leonard Vaughan (5 ft.)—Clear bright scarlet, very large flowers.
Mrs. Geo. A. Stroheim (6 ft.)—Bright amaranth red.
Rubin (4 ft.)—Rich, glowing carmine.



Single Tuberous Begonia

AMARYLLIS

Formosissima (Jacobin Lily)—Flowers of a deep velvety crimson color, handsomely formed, very striking. Each 15c, 4 for 50c.

Treata (Fairy Lily)—Bulbs can be planted at any time during the winter or spring, and will soon bloom. They should be potted in sandy soil and five or six can be planted in a five-inch pot. Each 5c, doz 50c.

Vitatta Hybrids—Beautiful, large-flowering, new seedlings from choicest varieties; bulbs are of an immense size and will produce something grand. Each 50c.

Johnsonii (Spice scented)—It is impossible to name a more magnificent bulbous plant than this; its immense flowers, richness of coloring and regal habits are simply incomparable; it throws up a spike about 18 inches high, bearing from two to six flowers averaging four to six inches across, of a bright rich red color with a white stripe down each petal; it also has a rich, spicy fragrance. This variety is the most robust and luxuriant, and the earliest to flower of the whole Amaryllis family, and is a prolific bloomer, and it is of easy culture. Large bulbs 50c each.

SPIDER LILY

Pancratium Caribbeum (Spider Lily)—Planted out in wet places during summer it will produce many spikes of fragrant flowers in dense clusters, lasting several weeks; grand for indoors, blooming even if grown in water. Each 25c, 3 for 75c.

ISMENE Calathina Grandiflora or **Basket Flower**—A grand summer-flowering bulb, producing throughout the season large Amaryllis-like, pure white, fragrant blossoms. Keep the bulbs in a dry, warm place, and plant out in June. Bulbs can be taken up in October, and after a few weeks' rest, potted and flowered in the house in winter, or kept over for planting out another season. Each 25c, 4 for 90c.

CANNA BED No. 1

Collection for Canna Bed 7 feet in diameter. 1 Florence Vaughan (for centre). 6 King Humbert (middle row), 12 Harry Laing (outside row)—FOR \$3.25 by express.

CANNA BED No. 2

7 feet across. 7 King Humbert (Bronze Leaf), 1 Florence Vaughan—FOR \$3.25 by Express. Here is a combination that makes one of the prettiest beds.

CANNA BED No. 3

Round, 10 feet across, 7 Florence Vaughan (in centre), 12 King Humbert (middle row), 18 Harry Laing (outside row)—FOR \$6.50 by express. This is a very complete three-color effect in a Canna Bed, and very hard to excel.

HARDY LILIES

Plant Lily bulbs eight or nine inches deep. Many fail in this particular, setting the bulbs so near the surface that the frosts of winter almost throw them out of the soil. The Lily throws out roots from the stalk above the bulb, and these serve the double purpose of supplying nutriment to the plant and of bracing and sustaining in position the heavy weight of the blossoms.

The soil for Lilies should be made rich with old, well-decayed manure, thoroughly incorporated with the soil; but fresh dressing must never be used, nor must any come in contact with the bulbs. They should be set on and surrounded by a layer of pure sand. When the ground freezes in the fall, apply a covering of stable litter or leaves, which may be forked in in the spring, thus supplying enrichment to the soil.

Their ease of culture, hardiness and freedom of bloom commend them to every flower lover.

AURATUM

Justly famous as the most beautiful and fragrant of all Lilies, flowers white, dotted crimson, with a clear, broad golden band running through the centre of each petal.

Extra Strong bulbs. Each 25c, doz. \$2.40.

SPECIOSUM SORTS

Album (White Japan Lily)—Pure white, with beautiful recurved petals, very fragrant.

Extra strong bulbs. Each 25c, 3 for 65c, doz. \$2.50.

Rubrum. (Deep red dotted Japan Lily)—Flowers are white, with a deep rosy or crimson bend on each petal, with deeper colored spots between. They are five to six inches in diameter, very fragrant, and have all the hardiness of the Speciosum Class.

Extra strong bulbs. Each 25c, 3 for 65c, doz. \$2.50.



Type of Lilium Speciosum

Lilium Auratum

Roseum—White, shaded and spotted with rose. Extra strong bulbs. Each 25c, 3 for 65c, doz. \$2.50.

Melpomene—Each petal is completely covered with blood-red, except a clear, frosty, white border. Extremely handsome and perfectly hardy. Extra strong bulbs. Each 25c, 3 for 65c, doz. \$2.50.

Magnificum—A very beautiful variety, flowers nearly double the size of other varieties and of taller, sturdier growth. It is a close ally of Speciosum Melpomene, but of much larger size and richer coloring. Rich red, heavily spotted. Extra strong bulbs. Each 25c, 3 for 65c, doz. \$2.50.

Longiflorum—A variety bearing beautiful snow white trumpet-shaped flowers of rare fragrance, almost exactly like Lilium Harrisii in shape, but being perfectly hardy. Each 20c, doz \$2.00.

Brownii—Magnificent variety large trumpet-shaped flowers, pure white inside, purple tinted outside, stamens of a rich chocolate color, one and a half to two feet high, blooms in June. Each 50c.

Chalcedonicum—Bright scarlet recurved flowers, blooms in June 3 feet. Each 60c.

Martagon—Purplish red, spotted with dark purple, prolific bloomer, 2 to 3 feet high, blooms in mid-summer. Each 35c, per doz \$3.50

Tenuifolium (Coral Lily of Siberia) Flowers vivid scarlet, with petals reflexed; very showy and free flowering, blooming early in the spring, very easily grown, requiring only a well drained, sandy soil. Each 20c, 3 for 50c, 12 for \$2.00.

Excelsum—This stately and beautiful variety grows from 5 to 6 feet in height, and bears from 6 to 12 fragrant, nodding flowers, of a delicate buff color.

Each 75c, 3 for \$2.10.

Tigrinum—Spotted Tiger Lily. Each 10c, per doz \$1.00.

Tigrinum, fl. pl.—Spotted Tiger Lily with double flowers. Each 10c, 4 for 35c, 12 for \$1.00.

Candidum—The pure white garden lily, flowers snowy white, with heavy yellow stamens; hardy and free blooming, bearing 5 to 20 blossoms. Plant early and leave them undisturbed. Each 15c, 6 for 80c, per doz \$1.50.

Orange Lily (Bulbocodium Auranti-cum)—Each 15c, per doz \$1.25.



Lilium tenuifolium

LILY COLLECTIONS

10 Separate Varieties for \$2.00

ONE BULB EACH

Auratum, Roseum, Rubrum, Album, Melpomene, Longiflorum, Martagon, Tigrinum, Tigrinum, fl. pl., Tenuifolium.

5 SEPARATE VARIETIES, for \$1.00

ONE BULB EACH

Auratum, Roseum, Rubrum, Album, Melpomene

GLOXINIA

This charming class of summer-flowering bulbs delights in a loose, porous soil composed of equal parts of fibrous loam and leaf mould, to which has been added a liberal sprinkling of thoroughly decayed, well-pulverized manure or bone meal and sharp sand. They should be shaded from the direct rays of the sun, but exposed to as much light as possible, greater success is attained by starting the bulbs in bottom heat. Our collection embraces all the popular varieties, ranging in color from the purest white through all the shades of crimson and purple, spotted and mottled.

SEPARATE COLORS—Red, White, Blue, Violet and Spotted. Each 15c, 4 for 50c, doz \$1.50, 25 for \$2.50, 100 for \$9.00.



Gloxinia



Fancy Caladiums



Madeira Vine



Cooperia Drummondii



Montbretia Crocosmiaeflora



Caladium Esculentum

CALADIUM ESCULENTUM

(Or Elephant's Ears)

One of the most beautiful and striking ornamental foliage plants in cultivation, either for culture in pots or for planting out upon lawns. It will grow in any good garden soil, and is of the easiest culture. When of full size it stands about 5 feet high, with immense leaves, often measuring 4 feet in length by 2½ in breadth.

Price—	Each	Per Doz.
Size 10 to 12 inches in circumference	25c	\$2 50
" 9 to 11 " " "	20c	2 00
" 7 to 9 " " "	15c	1 50

CALADIUM (Fancy Leaved)

A most beautiful class of plants, with the brightest and most peculiarly marked leaves of any foliage plant. They are easily grown and from the first of June until October no house plant can vie with their beauty. Bulbs must be stored in the winter where it is quite warm and not too dry. Our collection consists of the choicest varieties. Each 30c, 5 for \$1.35, doz \$3.00.

DWARF CALLA "LITTLE GEM"

Indeed a "pigmy" scarcely ever exceeding the height of 1 foot, yet producing good sized flowers in great abundance. The flowers will be found exceedingly useful for "cut flower work." Price—Each 25c, 3 for 70c.

WHITE CALLA (Lily of the Nile)

Pure white, splendid bloomer. Each 25c, 3 for 70c.

SPOTTED LEAF CALLA

(Richardia Alba Maculata)

A very ornamental plant even when not in bloom; foliage beautifully marked with transparent white spots showing to great advantage before a window. Flowers white, with black centre. Blooms splendidly in the garden or as a pot plant. Large bulbs, to bloom at once.

Price—Each 15c; 2 for 25c; doz \$1.50.

CALLA ELLIOTTIANA

A grand acquisition—the finest yellow Calla we have seen; large, rich, deep golden flowers, often 4 to 5 inches across at the mouth; habit of growth and foliage like the old favorite White Calla, excepting the leaves of Elliottiana are spotted with white, rendering it an unusually showy pot plant. Each 50c.

GIANT CYCLAMEN

Certainly most interesting and beautiful winter and spring flowering bulbs. Not only are the flowers of striking beauty, but the foliage is also highly ornamental, being handsomely marked with the various shades of green, gray and white.

Giant Rose Giant Red
Giant White Giant Mixed 25c each;

COOPERIA DRUMMONDII

(The Giant Fairy Lily)

Plant in spring, either in open ground or pots, where they will bloom freely most of the summer, sending up beautiful lily-like white blossoms on stems 10 to 15 inches high. In the fall lift the bulbs and keep dry over winter. One of the easiest bulbs to grow, sure to bloom freely. Strong bulbs 6c each. Doz. 60c.

CYPELLA HERBERTI

(Golden Cup)

The flowers are of a deep golden yellow, each petal having a broad, rich purple stripe through the centre, and spots of the same color at the base. As the flowers are produced in quick succession and many on a spike, it is scarcely ever out of bloom. Keep dry in winter.

Price—Each 6c,
6 for 30c.



Cypella Herberti

HYACINTHUS CANDICANS

A very striking and beautiful plant. It is a strong grower and quite hardy, shoots upward a stem 4 or 5 feet high, which bears quantities of drooping, ivory-white, bell-shaped flowers of delicate fragrance. It is very attractive planted among shrubbery or with Lilies or Gladioli. Each 10c, 3 for 25c, doz \$1.00.

LILY OF THE VALLEY

No flower so easily wins our love and keeps it for ever as the Lily of the Valley—the sweetest and most delicate flower, being perfectly hardy, and each succeeding year rewarding the grower with greater abundance of deliciously fragrant blossoms. Strong pips 5c each, 6 for 25c, 12 for 40c.



Lily of the Valley

MADEIRA VINE

A tall, half-hardy, tuberous-rooted, climbing plant of rapid growth, bearing copious and graceful racemes of deliciously fragrant white flowers. Very useful for screens and trellis work. Each 6c, 6 for 25c, doz 50c.

MONTBRETIA

Showy flowers on spikes 12 to 24 inches long.

Crocsmiaeflora—Finescarlet and yellow.

Aurantiaca—Deep golden yellow.

Bouquet Parfait—Vermilion, deep golden centre.

California—Beautiful pure yellow.

Macrophylla—Orange outside, yellow inside.

Meteor—Inside yellow, outside deep red.

Sunset—Golden yellow.

Mixed—All colors.

Any of the above 5c. each, 50c doz, \$3.00 per 100.

TUBEROSE

Everybody's Favorite

Sweetest-scented Flower that blooms.

Excelsior "Pearl"—This pure white, perfectly double, delightfully fragrant flower, invaluable for bouquets, is too well-known to need any description. The growing plant is fond of light and heat, and must have full sunlight when bedded and plenty of water when it begins to grow freely, but not too much water when first planted and should not be planted outside before May 1st. This variety grows only 24 inches, about half the height of the old double sort, and the flowers are nearly twice the size (often two inches in diameter), and imbricated like a Camellia, deliciously fragrant. (See Cut).

**Excelsior
"Pearl"
Double
Tuberose**

Each 6c, 6 for 30c,
doz 50c, 25 for 80c,
100 \$2.50, carriage extra.

SUMMER FLOWERING OXALIS

Valuable for edging walks, flower beds, etc. Bulbs planted 3 inches apart form rounded rows of delicate foliage 1 foot high, which produce flowers in endless succession.



Mexican Star or Frost Flower (Milla Biflora)

ZEPHYRANTHES

The Zephyr flowers or "Fairy Lilies" are gems of rare beauty. Planted in pots, or in the open ground, they produce very beautiful lily-like flowers all summer, and will be greatly admired by all who see them.

Atamasco—Large, pure white. Each 5c, doz 50c.

Rosea—Beautiful, clear rosy pink. Each 10c, doz \$1.00.

\$1.50 Spring Bulb Collection

Contains 25 Summer Flowering Bulbs, which we will send free by mail for \$1.85 or by express for only \$1.50:—
2 Milla Biflora 4 fine Oxalis 1 Spider Lily 1 Hyacinthus Candicans
1 Madeira Vine 1 Cyclobothra 1 Double Dahlia
4 Mixed Gladioli 2 Pearl Tuberose 2 Cinnamon Vines 2 Tuberous-Rooted Begonias
1 Lilium Longiflorum 1 Amaryllis Treaten 1 Caladium (Elephant's Ear) 1 Tigridia

This collection will furnish flowers from early spring until late in the fall and if properly cared for the Bulbs can be stored over winter and planted again in the spring.

PHADRANASSA GLORIOSA

The flowers are borne in pendulous clusters, and with an odd mingling of colors, green, orange, scarlet, etc.; always admired, for it is a very odd and exceedingly interesting plant the clusters of fine drooping blossoms are entirely unlike any other species of Amaryllis. Each 20c, 3 for 50c.



Phadrانassa Gloriosa
(Gay Queen or Queen Lily)

THE RESURRECTION PLANT

(Or Rose of Jericho)

Imagine a bunch of withered-looking curled-up shoots, brown, stiff and apparently dead, resembling a bird's nest. Place it in water; in an hour what a transformation. The withered-looking bunch has now opened, and is transformed into a patch of bright green moss. Each 20c, 2 for 35c.

JAPANESE AIR PLANT OR SEA MOSS

This is not a live plant but a beautiful Sea Moss of a delicate and feather-like pattern, bright green color, useful for curtain or window decoration. Each, 20c, 3 for 50c.

SNAKE LILY

(Sauromatum or Amorphophallus Simlense)

A very remarkable flower, 15 inches long, the inside of which is of a peculiar golden color, spotted purple, while the back is of metallic brown. Fine palm-like foliage. (See illustration). Large bulbs 30c each, 2 for 50c.



Snake Lily

75c. Spring Bulb Collection

Contains 15 splendid Summer Flowering Bulbs which we will send by express for 75c, postpaid \$1.00.

1 Double Dahlia 1 Hyacinthus Candicans
2 Gladioli 1 Madeira Vine
1 Cinnamon Vine 1 Tigridia
2 Tuberose 3 Oxalis
3 Milla Biflora

All the above bulbs are fully described, and most of them illustrated in the Bulb department of this Catalogue.

TIGRIDIAS

(Peacock Tiger Flower or Mexican Shell Flower.)

Extremely handsome summer flowering bulbs, growing about 2 feet high, producing large gorgeous flowers, exquisitely spotted.

Canariensis—Bright yellow. Each 5c, doz 50c.

Conchiflora—(Mexican Shell Flower)—Dark yellow, large red spots. Each 5c, doz 50c.

Pavonia (Peacock Tiger Flower)—Very large, bright crimson centre, mottled with yellow. Each 5c, doz 50c.

Grandiflora Alba—Flowers large, ivory white, spotted at the base with red on a yellowish ground, forming a fine contrast with the white of the petals. Each 5c, per doz 50c.



Tigridia or Tiger Flower

SPECIAL OFFER OF TIGRIDIAS

One each of the above four varieties for 20c, or three Bulbs of each variety for 50c.



Begonia "Luminesca"



Rex Begonia



Begonia Thurstonii



CYPERUS, OR UMBRELLA PLANT

A strikingly handsome plant, suitable for the house, of easy culture, and sure to give you complete satisfaction. It reproduces itself from the roots and may be subdivided. Each 25c, 3 for 70c.

Please Note—The prices herein quoted on Plants do not include postage. When ordering Plants sent by mail, therefore, be sure to rem it 20 per cent. (20 cents on the dollar) extra for postage.

ORNAMENTAL ASPARAGUS

SPRENGERI—A pot plant or for planting in suspended baskets; the fronds are of a rich shade of green, and most useful for cutting, retaining their freshness after being cut for weeks. An excellent house plant, as it withstands dry atmosphere. Strong plants, 30c each.

Plumosus Nanus—This graceful climbing Asparagus has to a great extent taken the place of the once popular Smilax. It is much more graceful, its foliage being finer than that of the most delicate fern, and it will last for weeks after being cut. It is an excellent house plant, succeeding under almost any conditions. Strong plants, 30c each.

One plant of each of the two varieties, 50c.



Asparagus Plumosus

AGAPANTHUS UMBELLATUS (Blue Lily of the Nile)

Flowers are very bright, produced on long spikes, raising them well above the plant. There is no better plant for growing in pots or tubs on the lawn. Grow very rapidly and should be divided and repotted when roots overcrowd the pot. Blue or white. Each 40c.

AGERATUM—Very useful for borders

White Cap—Finest white.

Inimitable—Lovely lavender blue, the finest Ageratum in existence.

Princess Pauline—Blue, with white centre.

Each 10c, doz. \$1.00.

FLOWERING BEGONIAS

Alba Picta—The leaves are glossy green, freely spotted with bright silvery white.

Argentea Guttata—Upright grower, largely spotted white.

Bertha Chateaurocher—Bright cherry red.

Compta—Stems and under side of leaves red, upper side white and green.

Feastii—Low growing glossy leaves, pink flower.

Gloire de Louveciennes—Perpetual white.

Haageana—Large flowers of creamy white, suffused with pink; foliage bronzy green above, red below.

Incarnata Grandiflora—Rich pink, best winter variety

Marguerite—Of the style of Metallica, but a hardier and better grower.

Odorata—White, sweet-scented.

Pond Bruant—Light pink, glossy fine foliage—good for winter.

Pond Lily—Glossy, roundish leaves, pink, flowers mostly in winter.

Prima Donna—Fine clear pink, perpetual bloomer.

Thurstonii—Rich pink, handsome foliage. (See cut.)

Luminosa—This is after the type of the old variety Erfordii, but of more symmetrical growth. Flowers, brilliant scarlet, are produced in the greatest abundance all the year round. Fine either as a pot plant, as a bedder, or for basket vases, etc. The best all round variety.

ANY OF THE ABOVE 30c EACH

REX BEGONIA

(Ornamental Leaved Varieties)

Many improvements have been made in recent years in this useful house plant. Our collection embraces all the good old varieties, as well as the best of recent introductions. (See cut.) 35c each.

BEGONIA TUBEROUS ROOTED

Single—Tuberous-rooted, variety of colors, well started plants, 25c each. Per doz. \$2.50.

Double—Tuberous-rooted, assorted colors, good strong plants, 30c each. Per doz \$3.00.

CALADIUM ESCULENTUM (or Elephant's Ears)

One of the most effective plants, for beds borders or for planting out upon the lawn, may be planted in a damp situation. strong started plants. 35c each, 3 for \$1.00 \$3.50 per doz.,

BOUGAINVILLEA SANDERIANA

This beautiful variety, on account of its free-flowering qualities, has become quite popular. It is of strong and rapid growth, and the brilliant rosy crimson blossoms are produced almost the whole year. 25c each.

ALTERNANTHERA

Beautiful dwarf plants of compact habit; growing about six inches high, admirably adapted for edgings, beds or ribbon lines. In four best varieties. Each 10c, doz 90c, \$7 per 100.

CHINESE PRIMROSE

Our plants are of the largest flowered class, grown from seed. Each 30c, 3 for 80c.

GREVILLEA ROBUSTA

A very beautiful shrubby plant with fern-like foliage, and rich, golden-yellow trusses of flowers; soon forming fine plants. Each 25c, 3 for 70c.



GREVILLEA ROBUSTA

CHRYSANTHEMUMS

Our list of Chrysanthemums is comprised exclusively of varieties standing first in their type and color.

EARLY FLOWERING KINDS

(Large Flowers)

Baron Choisel—Bronze crimson.
Carrie—Rich yellow.
Cranfordia—Bronzy yellow.
Geo. S. Kalb—Best white.
Goacher's Crimson—Dark red.
Golden Glow—Light yellow.
Hortense Malgat—Pink.
Mrs. F. H. Bergen—Lavender.
October Frost—Pure white.
Smith's Advance—White.

Any of the above list 10c each.

POMPONE VARIETIES

These are becoming the most popular of all Chrysanthemums—

Acto—Rose.
Baby—Smallest yellow variety grown.
Eldorado—Light yellow.
Jules Legrave—Deep crimson.
Lillian Doty—Splendid pink.
Perle Rose—Purplish pink.
Queen of Whites—Fine creamy white.
Viola—Rich violet red.
White Cap—Fine white.
Zenobia—Yellow.

Any of the above list 15c. each, 6 for 80c, 12 for \$1.50.

STANDARD VARIETIES

Chieftain—Fine clear pink.
Chrysolora—Best early yellow.
Crowning Glory—Sulphur yellow, hairy, very late.
Dr. Englehard—Pink, large ball-shaped flowers.
Earl Kitchener—Purple with silvery reverse.
Golden Queen—Pale yellow, early.
Golden Wedding—Undoubtedly the grandest golden yellow variety.
Ivory—Dwarf early white.
James Fraser—Full yellow.
Jeanine Nonin—Late white, probably the largest flower to date.
L. Boehmer—Silvery pink, and deep rose, ostrich plume type.
Mrs. Wm. Duckam—Deep yellow, fine pot plant.
Nivens—Clear white.
Pocket's Crimson—Crimson with bronze reverse.
Timothy Eaton—Finest and largest white; awarded highest honors whenever exhibited.
W. H. Chadwick—Very large late white.



CARNATIONS

Beacon—Best scarlet.
Enchantress—Pink.
Harlowarden—Rich crimson.
Mrs. Ward—Deep pink.
White Enchantress—White.

Any of the above Carnations, 15c each

CASTOR OIL BEAN



Carnation

Stately growing hardy annuals, their tall growth and fine foliage well suited for decorating shrubberies or lawns. Each 20c.

CLIVIA MINIATA (Immantophyllum)

A pretty lily-like plant of the easiest culture, and the most desirable house plant. It flowers during the spring and summer months, remaining in bloom for a long period. The flowers are about two inches long, and are borne in dense clusters of from ten to twenty flowers on each. In color it is of a fine orange red shading to buff. Price—Good plants, \$1.50 each, by express only.

COBÆA SCANDENS

A beautiful climber of rapid growth, bearing large, bell-shaped flowers. Price—Large plants, each 20c.

COLEUS

Price—Each 10c, 6 for 60c, per doz \$1.10, per 100, \$7.50.

CYCLAMEN (Persicum Giganteum)

White and pink. Each 25c.

DRACAENA (or Cordyline)

Indivisa—This variety is used very extensively as a centre plant for vases, urns, etc. It stands full exposure to the sun, and its long, narrow, graceful foliage contrasts beautifully with other foliage and flowering plants. Medium size plants 25c, large 75c, by express only.



Coleus

SURPLUS COLLECTION

These Surplus Collections of Plants and Bulbs we are ready to fill by May 25th, for \$1.00. If ordered by Express we can send many more plants and of larger size; but they are always of our selection.

FUCHSIAS

Avananche—Best dark Double Fuchsia, fine foliage.
Arabella—White tube and sepals, rose corolla, early.
Black Prince—Bright waxy carmine, pink corolla.
General Roberts—Red sepals, plum corolla, flower 4 in. long extra fine.
Mrs. E. G. Hill—Short tube and sepals, bright, rich reddish crimson color corolla white, extra large, full and double; flowers of the largest size.
Molesworth—Best double white.
Mad. Bruant—One of the most double; sepals bright red; corolla rosy heliotrope, marked and veined with rose.
Rose of Castile, Improved—White with violet centre.
Speciosa—Flesh color sepals, red corolla. Finest of all for winter flowering.
Wave of Life—Golden foliage, crimson tube and sepals; fine purple corolla.
Any of the above 15c each,
One each of the above 10 varieties for \$1.45.



Fuchsia

Fuchsia "Riccartoni"—This is the tree Fuchsia, which is hardy in Great Britain. It will not stand our winters outdoors, but makes a very fine tub plant. Flowers are light red, smaller than the ordinary Fuchsia, and are produced in the greatest profusion, especially in large plants. Each 20c.

GLOXINIA

Our collection embraces all the popular varieties, ranging in color from the purest white, through all the shades of crimson and purple, spotted and mottled. Plants each 25c.

HIBISCUS

Peachblow—The flowers are double and from 4 to 5 inches in diameter; of a charming, rich clear pink color, with a small deep crimson centre; an entirely new and most beautiful shade.

Miniatus Semi-Plenus—Double, rich crimson.

Sub Violaceous—Extra fine double, rosy red.

Carminatus Perfectus—Large orange red, single.

Any of the above 25c each.



Hibiscus, Peachblow



Double Geranium

GERANIUMS

DOUBLE AND SEMI-DOUBLE GERANIUMS

- Adrienne Corret**—Light rosy red, shaded magenta, fine bedder.
A. H. Frego—Brightest scarlet.
Beaute de Poitevin—Very large, semi-double, brilliant salmon.
Bruant—The double General Grant, the standard scarlet bedder.
Jean Viaud—Fine, large pink.
La Favorite—The trusses are very large, flowers beautifully formed, of the purest white.
Mrs. Lawrence—Fine light salmon.
Red Wing—Fine scarlet bedder.
S. A. Nutt—The best rich dark crimson variety. A fine bedder.
 Any of the above 15c, each, 4 for 60c, per doz \$1.50.

SINGLE GERANIUMS



Single Geranium

- Athlete**—Light red.
Baronne Grebussich—Clear pink.
Eugene Sue—Large bright scarlet.
Jacquerie—Rich crimson, best of its color.
Lady Reed—Light salmon best of its color.
L'Aube—Immense pure white.
Mlle. Chainjeau—Rich flesh color.
Mrs. E. G. Hill—Large dark salmon.
Queen Mab—Deep pink, large white centre.
Sam Sloane—Dark scarlet, "The Scarlet Bedder."

Any of the above 15c each, 4 for 60c, per doz \$1.50.

BEDDING GERANIUMS

We can supply bedding size Geraniums, well grown thrifty, strong plants of the leading sorts at \$1.50, \$1.75 and \$2.00 per doz by express.

SCENTED GERANIUMS

Rose, Lemon, Nutmeg, Mrs. Taylor (scarlet flowers). Each 15c.

IVY LEAVED GERANIUMS

The double Ivy Geraniums are remarkably popular at present, and deservedly, for the new Hybrids in richness of color surpass all Geraniums.

- Beauty of Castlehill**—Beautiful soft red, ext a large.
Corden's Glory—Deep red.
Corinthienne—Blush rose.
Joseph Warren—Deep pink.
Robert Owen—Very large rosy red.
Souvenir de Chas. Turner—Light scarlet, double.
The Bride—Pure white.

Any of the above 15c each, 2 for 30c, 6 for 85c.

VARIEGATED-LEAVED GERANIUMS

Bismarck—Very fine bronze, salmon flowers. Each 15c, 2 for 30c.

Madame Salleron—(Silver Edge) A dwarf variety rarely over 6 inches high, foliage green bordered white, fine for edging. 15c each. 2 for 30c, \$1.00 per doz.

Mrs. Pollock—Golden tricolor bronze scarlet zone, golden edge scarlet flowers. Each 15c, 2 for 30c.

Mrs. Parker—Clear pink, double. Each 15c, 2 for 30c.
Silver Nutt—Double crimson flowers. Each 15c, 2 for 30c.

Wm. Languth—Light red, double. Each 15c, 2 for 30c.



Variegated Leaved Geranium "Wm. Languth"

HYDRANGEAS

The Hydrangeas are well known favorites, grown as pot plants their immense heads of bloom making them very conspicuous. A little shade and plenty of water meet all their needs.

Hydrangea paniculata—See Hardy Shrubs, page 86.

Avalanche—Finest white. Each 25c.

Hortensis Nigra—Rich pink, very large and fine, black stems. 25c each.

La Lorraine—Very large flowers; pale rose turning to bright pink. Each 25c.

Mont Rose—Immense panicles of a clear flesh-rose. Each 25c.

Otaksa Monstrosa—Intense red; shaded white; borne in large clusters, quite small plants bearing blooms of the most enormous size, and which are very lasting in quality. 25c each.



Hydrangea Otaksa Monstrosa

HELIOTROPES

Heliotropes are great favorites, principally on account of their delicious fragrance; they grow freely under glass, and may be planted in the open border during the summer. 10c each.

Bedding Stock—15c. each, per doz \$1.65.

LEMON VERBENA

A universal and well-known favorite grown principally for its deliciously scented foliage. 25c each.

BEAUTIFUL WEEPING LANTANA

A trailing variety flowering freely; color mauve or lilac. Price—each 15c, 3 for 40c.

MANETTIA BICOLOR

Flowers tubular, bright red, tipped yellow. 15c each, 3 for 40c.

MUSA ENSETE

Abyssinian Banana—A grand lawn plant of easiest cultivation in the open ground in summer, or for the conservatory in winter. Large plants \$1.50 each, by express only.



Heliotrope



The Wonder Lemon

THE WONDER LEMON

A Lemon with large glossy leaves and bearing fruit of immense size. Easily grown and cared for. Price 35c. each.

IVY (English)

Can supply either the green or variegated leaved variety Price 30c each.

IMPATIENS

Sultani (Sultans Balsam) Flowers bright pink. Price 15c each.

Holsti—Robust growth, brilliant orange flowers. Price 15c each.

NICOTIANA

Affinis—Known as Evening Scented Tobacco, white flowers. 10c each, \$1.20 doz.

Sanderæ—Light purplish red flowers. 10c each, \$1.20 doz.

PANSIES AND DAISIES

Pansy

Daisies—Pink and white. 3 for 15c, doz 50c, \$4.00 per 100.

Pansies—Grown from prize strain. There are no better Pansies. These should always be sent by express. Doz 75c, 25 for \$1.50, 50 for \$2.75, 100 for \$5.00.

PETUNIAS**DOUBLE**

A fine assortment of the best sorts of all colors. Each 15c, 4 for 60c, doz \$1.70.

PRIMULA

Obconica—One of the most useful flowering plants, of soft lilac shade. Each 30c.

Primrose, hardy double white. Each 20c, 3 for 50c.

Primrose, Harry Mitchell—Very large, yellow. Each 25c, 3 for 65c.

SALVIA

Can supply the following varieties: Clara Bedman, Little Lord Fauntleroy, Zurich. Each 15c, dozen \$1.20

SWAINSONIA GALEGIFOLIA ALBA

A most desirable ever-blooming plant, with pure white flowers, produced in sprays of from 12 to 20 flowers each, the individual blooms resembling a Sweet Pea. 20c each, 3 for 50c.

PELARGONIUMS (Lady Washington Geraniums)

These are the Royal George or Lady Washington Geraniums of old times and which are now becoming as popular as ever again, and certainly nothing is showier as a pot plant for summer. We offer a number of the choicest kinds embracing all shades of color.

Bridegroom—Lavender pink, with large blotches.

Dr. Andre—Clear reddish pink, maroon spots.

Emperor—Very light pink, spotted crimson.

Maid of Honor—White, with pink and crimson blotches.

Mrs. F. Mitchell—Dark pink, maroon spots.

Queen Wilna—Blush pink, with maroon spots.

Surprise—Red, with crimson and maroon shading.

Victor—Clear red, blotched maroon, very fine.

Each 25c, one each of the eight varieties, \$1.90.

We can supply larger plants of the above at 40c each



Pelargonium (Lady Washington Geranium)

FINE FERNS

The following list are amongst the hardiest and most useful for decorating purposes.

Adiantum Cuneatum—The popular Maiden Hair Fern.

Aspidium Tsus-simense—One of the best for fern dishes.

Cyrtomium Falcatum—Glossy leaved Holly Fern.

Nephrolepis Bostoniensis—Boston or Fountain Fern.

Nephrolepis Scotti—Semi-dwarf form of Boston Fern.

Nephrolepis Whitmani—Much the finest and best of the improved Sword Ferns, it is nearly as finely cut as the Maiden Hair Fern.

Polystichum Setosum—Very fine.

Pteris Cretica Alba Lineata—A useful variegated variety.

Pteris Tremula—Well-known and useful Fern.

Pteris Wimsetti—Crested foliage.

Price of any of the above, each 35c. One of each of the above list (10 varieties), \$3.25.

RUBBER PLANTS

Ficus Elastica—The well-known India rubber tree, one of the very best for table or parlor decoration.

4-inch pots... \$0.80 5-inch pots... \$1.25 6-inch pots... \$1.50
By express only.

KENTIA BELMOREANA PALM—The best of the Palm species for general cultivation, being almost impregnable against diseases. The variety shown in the engraving is one of the best in its class, graceful habit, bright green foliage, gracefully disposed; as a decorative plant for the window, table or conservatory, it scarcely has an equal. (See cut)

12-15 inches high, each... \$0.65

15-18 inches high... 1.00

18-22 inches high... 1.75

22-24 inches high... 2.25

By express only.

SPECIAL HOUSE PLANT OFFER

Price \$1.70

One Boston Fern.
One Rubber Plant.
One Kentia Belmoreana Palm.
All Good Plants



Boston Fern



Kentia Belmoreana

ANNUALS

During the bedding out season we supply strong, well grown, thrifty plants of the following. Not less than 12 of any variety at these rates.

We reserve the right to substitute in case varieties ordered are out of stock.

Owing to the extreme tenderness of these plants, every care will be taken in packing for mail purposes, but we recommend sending by express as they invariably arrive in better condition.

ASTER—Comet, in colors, pink, white or blue.
" " mixed.

ASTER—Giant—Branching, in colors, white, light blue, pink.
" " mixed.

ASTER—Hohenzollern—in colors, white, rose, azure blue, mixed.

ASTER—Truffauts Pæony flowered—in colors red, white, blue.
" " mixed

BALSAM—Camellia flowered double mixed.

MARIGOLD—African tall, mixed, African dwarf mixed, French tall mixed, French dwarf mixed.

Phlox Drummond mixed.

Petunia—Emperor, mixed. Giants of California, mixed.

Snapdragon—Tall mixed, Dwarf mixed.

Stocks—Double 10 weeks mixed, Double white.

Verbena—Mammoth mixed.

Zinnia—Double mixed. Per dozen 30c.



Hardy Tea Rose "Gruss an Teplitz"

ROSES

HOW TO GROW ROSES

To obtain most satisfactory results Roses should be planted in rich deep, well-drained soil and severely pruned in spring before buds start. In severe winters some varieties freeze down if unprotected. An excellent plan to winter successfully is to earth them up well, at least 10 inches, just before the ground freezes, and after the foliage has fallen. In the spring, as soon as buds commence to show, remove the soil carefully and prune back severely. This should be done on a cloudy day. In this way roses can be grown anywhere, and what is there to equal the rose in beauty.



Hardy Tea Roses

DWARF BEDDING ROSES OR BABY RAMBLERS

A type of Rose which is becoming very popular for bedding purposes. They form shapely, compact, bushy specimens about 18 inches high, producing in great profusion from early in the season until severe frost, immense trusses of small flowers.

Anny Muller—(Pink Baby Rambler).

Erna Teschendorff—Fiery scarlet.

Jessie—Bright crimson; very free bloomer.

Katherine Zeimet—(White Baby Rambler).

Mad, Norbert Levavasseur (Crimson Baby Rambler).

Mrs. Cutbush—Pink; always in flower.

Orleans—Brilliant red with white centre; one of the best.

Phyllis—Beautiful carmine-pink; constant bloomer.

Price—Any of the above, Strong Plants, 30c. One of each of the above eight varieties, \$2.25.



Dwarf Crimson Rambler

A NEW PINK RAMBLER ROSE

The Farquhar—This is undoubtedly the finest Pink Rambler ever introduced. It is perfectly hardy, an exceptionally strong grower, with glossy, bright green foliage, which does not drop, but retains its lustre until cut down by frost, a feature which makes it valuable for covering trellises, fences, etc. The flowers are quite double, bright pink, and are borne in large clusters on long stems, making it useful for table decoration. Price 60c. each.

MARESCHAL NEIL (Noisette)

Tender Climbing Rose so famous as to hardly need description. Beautiful large golden yellow; very full and double and exceedingly fragrant. It is a natural climber, and should not be pruned too short. Strong two-year-old plants each 75c.

HARDY TEA ROSES

(Low-budded on Briar Stocks)

That will produce a mass of Roses to cut during the entire Season.

Etoile de France—Vivid crimson with darker shadings, very double and of large size and fine form.

Gen'l. MacArthur—Rich crimson-scarlet, vigorous grower, very fragrant.

Gruss an Teplitz—Richest scarlet, very fragrant, flowers large and double. Blossoms continuously all summer.

Hermosa—Undoubtedly the best pink bedding rose in cultivation

Hugh Dickson—Brilliant crimson shaded scarlet, large smooth petals very fragrant.

Jonkheer J. L. Mock—Very free flowering, of large size and perfect form, the color being deep pink within and silver without.

Kaiserin Augusta Victoria—Large creamy white flower, shading deeper towards the centre.

Killarney—Large brilliant pink, perfectly hardy, and free flowering.

Lady Alice Stanley—Flowers very large and full; deep coral rose outside and pale flesh inside. Very fragrant.

Lady Ashtown—Soft rose, shading to yellow at the base of the petals; flowers are large, double with long stems.

Liberty—Intense crimson-scarlet; velvety in texture and of delicious fragrance.

Laurent Carle—A very hardy and vigorous rose; flowers large and deliciously scented; brilliant carmine.

Mme. Caroline Testout—Flowers very large and full; clear satiny rose, very fragrant.

Mme. Edouard Herriot (the Daily Mail Rose)—A strong, vigorous grower, of branching habit and bronzy-green foliage. Flowers are of medium size, semi-double, coral-red shaded with yellow.

Mad. Ravary—Rich, deep nankin-yellow, of splendid form and very fragrant.

Maman Cochet—An extra strong grower, free flowering and very double; color deep rose-pink.

Mrs. Chas. Russell—Beautiful old rose pink, of perfect form; fine for cutting.

Molly Sharman Crawford—A free-blooming white rose, large, full, double and delightfully fragrant.

Rayon d'Or—A vigorous, strong grower, with glossy foliage and large golden yellow flowers.

Richmond—A most valuable variety of brilliant crimson scarlet, very free flowering.

Sunburst—A superb rose, of vigorous habit; flowers large, rich yellow with orange-yellow centre.

W. A. Richardson—A peculiar shade of orange-yellow, very desirable. Strong two-year-old bushes 50c each, 3 for \$1.40; \$5.00 doz.

HARDY ROSES

LOW BUDDED ON BRIAR STOCKS



The illustration shows the character of the plants we supply; also the method of planting and pruning them after being planted. If planted as shown in the illustration, these roses, although budded, will emit roots where the true Rose joins the briar stock and will eventually become established on their own roots. The great value of these budded Roses lies in the fact that they produce better flowers and make stronger plants in a shorter period than those grown from cuttings; and the advantage is, that having no soil on the roots, and being dormant they are of little weight and can be sent cheaply by post or express.

HYBRID PERPETUAL ROSES

- Alfred Colomb**—A splendid rose; large, globular, full and very sweet; bright, clear cherry red, shaded with crimson.
- American Beauty**—The flowers are very double, of a deep rose pink color, and very fragrant.
- Baron de Bonstettin**—Dark red, almost black; very large, double fragrant flowers; a strong grower.
- Baroness Rothschild**—A magnificent rose, color rich satiny pink.
- Captain Christy**—A lovely rose, blooming almost the entire season; very large double buds of deep flesh color.
- Captain Hayward**—Bright crimson carmine, an entirely distinct shade of color, of perfect form and very sweet.
- Coquette des Blanches**—Pure white, large and globular.
- Duchess of Albany**—Rich deep pink.
- Fisher Holmes**—Rich velvety crimson, large, double, and of fine form.
- Frau Karl Druschki (Snow Queen)**—The best hardy white rose.
- General Jacqueminot**—Brilliant scarlet crimson.
- Gloire de Margottin**—Dazzling scarlet.
- John Hopper**—Bright rose, carmine centre, flowers large, cupped.
- Jules Margottin**—Bright carmine, cupped, very fragrant.
- La France**—Splendid satin rose; large, fine form; a constant bloomer.
- Louis Van Houtte**—Dark velvety crimson, of good form.
- Marshall P. Wilder**—Cherry carmine, large, full, semi-globular flower.
- Mabel Morrison**—Pure white, in autumn faintly flushed with pink, a lovely and distinct rose.



American Beauty

DAMASK ROSES

The Old-Fashioned Fragrant Cabbage Rose.

These two old Roses should be in every garden. Though they bloom but once a year, their fragrance, beauty, size, perfect hardiness, and the abundance of flowers they produce make them indispensable.

Cabbage or Provence—Rose pink flowers.

Madame Plantier—Pure white, and a free bloomer; unrivalled for hedges or cemetery use.

Strong two-year old bushes 35c each, 6 for \$1.80.



Hybrid Perpetual—Margaret Dickson

Madame Augustine Guinoisseau, or White Lafrance—A beauty indeed, identical with "La France" except the color, which is pearly white, sometimes tinted with fawn.

Marchioness of Londonderry—Ivory white petals, of great substance, shell-shaped and reflexed, highly perfumed.

Madame Gabrielle Luizet—Fine satiny rose, very large and full.

Magna Charta—Bright pink, suffused with carmine; a beautiful rose; strong vigorous grower.

Margaret Dickson—The flowers are of the purest white, of extra large size and of immense substance; vigorous grower with fine foliage.

Mrs. John Laing—Delicate pink with satiny tinge.

Mrs. E. G. Sharman Crawford—Deep rosy-pink, outer petals shaded with pale flesh.

Paul Neyron—Dark pink. Flowers often five inches in diameter, strong grower, almost thornless.

Prince Camille de Rohan—Deep velvety maroon, shaded scarlet.

Ulrich Brunner—Large bright cerise red.

Yellow Persian—Bright golden yellow, hardy rose.

Extra heavy two-year-old bushes 35c each, 3 for \$1.00, doz \$3.60.

Special quotations on larger quantities.



Paul Neyron

Hardy Climbing Roses



Climbing or Pillar Rose



Crimson Rambler

Baltimore Belle—Blush white flowers borne in large clusters, very double.

Climbing American Beauty—Hardy as an oak; flowers 3 to 4 inches in diameter, same color as original American Beauty, and having the same exquisite fragrance.

Gloire de Dijon—Copper yellow and salmon.

Gruss an Zabern—The best of all white climbing Roses.

Lady Gay—Delicate cherry pink, changing to soft white, vigorous grower and perfectly hardy.

Wichuriana (Memorial Rose)—Of prostrate trailing habit, valuable for covering low walls or rockeries, or for planting on graves; flowers single, pure white.

Prairie Belle—Deep red, full and double, strong grower.

Sweet Briar—True old English, rosy pink.

William's Evergreen—Good size, bright pink.

Crimson Rambler—Bright crimson flowers produced in magnificent clusters.

Yellow Rambler (Aglaiia)—Yellow.

White Rambler (Thalia)—Pure White.

Pink Rambler (Euphrosyne)—Pure rose.

Flower of Fairfield (Ever-blooming Crimson Rambler)—Of a more brilliant crimson than the common Crimson Rambler. A vigorous grower, flowering throughout the season.

Philadelphia Crimson Rambler—Similar to the Crimson Rambler, but the color is brighter, deeper and more intense, and the flowers more double.

Dorothy Perkins—Flowers large and very double, borne in clusters of ten to thirty. The color is beautiful shell pink.

White Dorothy Perkins—Differs from the ordinary Dorothy Perkins in color only, which is pure white.

Tausendschon—A vigorous grower, not subject to mildew or disease; color soft pink, changing to carmine.

Any of above strong bushes 40c each, \$4.00 per doz.

MOSS ROSES

A class of Roses which is a general favorite. The beauty of the flower consists in the delicate mossy covering which surrounds the bud and which gives to the opening flower a unique appearance. The varieties listed comprise the best of this section, and are all perfectly hardy.

Blanche Moreau—Lovely pure white, large and full.

Crested Moss—Deep pink, crested.

Eugene Verdier—Vermillion red, very fragrant, one of the prettiest

Glory of Mosses—Color rich glossy pink, tinged crimson.

Salet—Bright pink, bluish edge, large and full, mossy.

Mrs. Wm. Paul—Clear rosy.

Strong two-year-old flowering bushes 35c each; set of 6, \$2.00.

RUGOSA ROSES

The lovely Ramanas or Rugosa Roses form sturdy bushes 3 to 5 ft. in height, covered with glossy foliage and clusters of beautiful single flowers, which emit a delightful odor. They bloom nearly the whole summer, and are covered during autumn and winter with red seed pods.

Rugosa—Fine glossy crimson.

Rugosa Alba—Pure white.

Extra strong plants 40c each, \$4.00 doz.



Moss Rose

LORD PENZANCE'S HYBRID SWEET BRIARS

These are crosses between the common Sweet Briar and various old-fashioned Garden Roses; the flowers are single or semi-double. The plants are perfectly hardy, and the foliage is as sweetly scented as the common Sweet Briar.

Amy Robsart—Lovely deep rose, an abundant bloomer, robust and free.

Anne of Gierstein—Dark crimson, graceful branching habit.

Lady Penzance—Beautiful soft tint of copper, with a peculiar metallic lustre; the base of each petal is a bright yellow, very free flowering, with a delicious perfume from foliage and flower.

Lord Penzance—Soft-shade of fawn or ecru passing to a lovely lemon yellow in the centre, sometimes toned with a most delicate pink; very sweet scented.

Lucy Ashton—Pretty white blooms with pink edges, not so large as some others, wonderfully free flowering; free grower, foliage very sweet.

We offer strong two-year-old budded plants of the above at 40c each, doz \$4.00, the set of 5 for \$1.75.



Lord Penzance's Sweet Briars

HARDY PERENNIALS

This class of plants, familiarly known as **Old Fashioned Hardy Garden Flowers**, has come into public favor again so rapidly as to astonish even the most sanguine enthusiast of these gems of the garden. Their popularity is not at all surprising when we consider the many varied and pleasant changes which take place throughout the entire growing season in a well-arranged hardy border, in which every week, yes, almost every day brings forth something fresh and new. Early flowering varieties open up their flowers often before snow has entirely disappeared, and continuing with constantly changing variety throughout the summer until late in the fall, when severe freezing weather only will stop persistent late bloomers.

ACHILLEA

The flowers which, are borne in the greatest profusion the entire summer on strong, erect stems, are of the purest white.

"The Pearl"—Each 25c, 3 for 65c, doz \$2.50.

Rosea—Pink. Each 25c, 3 for 65c, doz \$2.50.

ACONITUM (Monkshood or Helmet Flower)

The variety offered forms bushy clumps, with spikes 3 feet long, of hood shaped flowers, and are invaluable for planting under trees or in shady position succeeding better there than almost anywhere else.

Nappellus—Large dark-blue, flowers; August and September. 25c each, 3 for 65c, \$2.50 per doz.

ANEMONE JAPONICA

They commence to bloom in August and increase in beauty until frost.

Double White "Whirlwind"—Excellent double white flowers, 2½ to 3 inches across, held up on stems 10 to 12 inches long. Very desirable for cut flowers.

Prince Henry—Large very double rich pink flowers. Beautifully formed and very free flowering.

Queen Charlotte—The finest of all the anemones, large semi-double flowers of that pleasing shade of pink peculiar to the La France Rose, a color that is as beautiful as it is rare among hardy perennials.

Any of the above each 25c, 3 for 65c, doz \$2.50.

ANTHERICUM LILIASTRUM (St. Bruno's Lily)

A beautiful plant with narrow grass-like foliage; and long spikes of white, fragrant, lily-like flowers. Each 25c, 3 for 65c, doz \$2.50.

QUILEGIA (Columbines)

The Columbines are old favorite late spring and early summer blooming plants, growing about 2 feet high, that succeed in any ordinary garden soil. The varieties offered are selection of the best kinds. (See cut.)

Canadensis — Our native Columbine, bright red and yellow.

Crysantha (Yellow flowered Columbine) — 2½ feet high, forming a bush two or three feet across, which is covered for two months with golden yellow flowers with long spurs.



Aquilegia or Columbine

Skinneri—Scarlet, with greenish tips; very distinct.

Vulgaris—The European violet-blue sort.

Any of the above 25c each, 3 for 65c, doz \$2.50.

ARABIS ALPINA (Rock Cress)

Specially adapted for the rock garden, but succeeds equally well in the border, where it forms a dense carpet, which is completely covered early in the season with pure white flowers. Each 25c, doz \$2.50.

ARTEMESIA ABROTAMNUM

(Old Man or Southernwood)

Dark green, finely cut foliage, with pleasant aromatic odor. Each 25c, doz \$2.50.

HARDY ASTERS (Michaelmas Daisies, or Starworts)

These are among the showiest of our late flowering hardy plants, giving a wealth of bloom at a season when most other hardy flowers are past. Our collection is made up of the choicest varieties only, the weedy sorts being eliminated. Each 25c, 3 for 65c, doz \$2.50.

BLEEDING HEART (Dielytra Spectabilis)

These pretty spring bloomers with their graceful drooping sprays of heart-shaped pink and white flowers, are very ornamental and bloom freely in early spring.

Pink—Each, 25c, 3 for 65c, doz \$2.50.

CAMPANULAS

Fine old garden plants which are now coming into favor again.

Cup and Saucer — Mixed colors.

Persicifolia — Purple flowers.

Persicifolia Moerheimi—New, very large white.

Pyramidalis—Blue and white.

Canterbury Bells—Purple and white. Any of the above, each 25c, 3 for 65c, doz \$2.50.



Bleeding Heart

CERASTIUM (Snow in Summer)

Tomentosum—A desirable low-growing plant with silvery foliage and white flowers, suitable for the rockery, or for carpeting dry, sunny spots such as covering graves or steep banks: can also be used with good effect in carpet bedding. 25c each, 3 for 65c, \$2.50 per doz.

CHRYSANthemUMS

(Marguerites, or Moonpenny Daisy)

Maximum Triumph—A free-growing plant, not exceeding 2½ feet in height, forming bushy plants, which continue in full bloom from early in July until late in October. The flowers are Daisy or Marguerite-like, 3 inches and over in diameter, pure white, with a golden centre; they are of great substance and last a week or more when cut. Each 25c, 3 for 65c, per doz \$2.50.

Inodorum, pl.—Hardy species with finely cut foliage and pure white double flowers one or two inches in diameter. Flowering from June until frost. 25c each, 3 for 65c, doz \$2.50.

Shasta Daisy—Glistening white flowers often over 4 inches in diameter, and in bloom continuously from early in summer until late in the fall; perfectly hardy without protection, even in the most exposed location. 25c each, 3 for 65c, per doz \$2.50.

Shasta Daisy "Alaska"—Very large white and branching habit 25c each, 3 for 65c, per dozen \$2.50.

CLEMATIS DAVIDIANA

A shrubby plant from two to four feet high, with fresh, bright foliage. Flowers are long, tubular, bell-shaped of a deep lavender color, and of delicious fragrance. Each 25c, 3 for 65c, doz \$2.50.

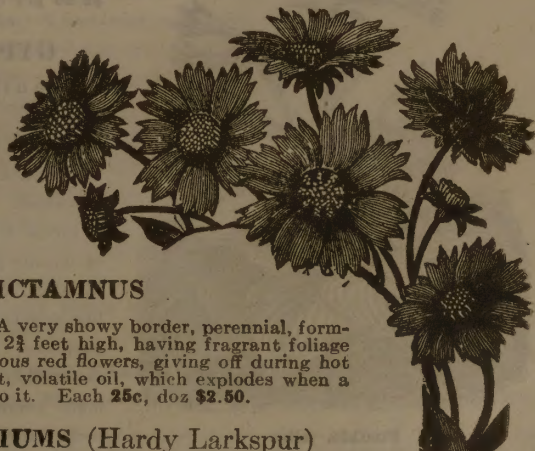
COREOPSIS LANCEOLATA

(See cut)

This golden Coreopsis begins to flower early in June, and continues to flower until cut down by severe freezing weather; it is continually one mass of golden yellow. It is easily grown, perfectly hardy, and succeeds in any position; once planted takes care of itself. Large clumps which will flower first season, 25c each, 3 for 65c, doz \$2.50.

DIANTHUS

Plumarius (Pheasant Eye) Pink — Of dwarf compact habit, blooming the entire summer; violet rose with deep crimson centre. Each 25c, 3 for 65c, doz \$2.50.



Coreopsis lanceolata

DICTAMNUS

Fraxinella—A very showy border, perennial, forming a bush about 2½ feet high, having fragrant foliage and spikes of curious red flowers, giving off during hot weather a fragrant, volatile oil, which explodes when a match is applied to it. Each 25c, doz \$2.50.

DELPHINIUMS (Hardy Larkspur)

The hardy Larkspurs are one of the most important and most satisfactory plants in the herbaceous garden, and should be planted extensively even in the smallest garden. Their long spikes of various shades of flowers are produced continuously from June until late in the fall, if the precaution is taken to remove the flower stems before they can produce seed.

Mixed Hybrids—Each 25c, 3 for 65c, doz \$2.50.



Digitalis or Foxglove



Gaillardia Grandiflora

Grandiflora Variegata—Green and white, variegated foliage with purple flowers. 25c each, 3 for 65c, \$2.50 per doz.

DIGITALIS (Foxglove)

Stately growth, fine for shrubberies and other half-shady places, three feet. Each 25c, 3 for 65c, doz. \$2.50.

DORONICUM

Excelsum—A strong growing perennial with large heads of bright yellow flowers 3 to 4 inches in diameter. Each 25c, 3 for 65c, doz \$2.50.

EULALIA

Japonica Zebrina (Zebra Striped Grass)—Variegated, having bars ofellow running crosswise, not longitudinally as in the ordinary form or variegation; easily grown. Each 25c, 3 for 65c, doz. \$2.50.

Japonica, Variegata—The long blades of this variety are striped green, white and often pink or yellow. flower stalks 4 to 6 feet high. It makes a very attractive specimen plant for the lawn.

Each 25c, 3 for 65c, doz. \$2.50.

GAILLARDIA GRANDIFLORA

(See cut)—The flowers are large, very numerous, produced on long stems, excellent for cutting, and of the most gorgeous coloring. The centre is dark red brown, while the petals are variously marked with rings of brilliant scarlet, crimson, orange and vermillion, and often a combination of all these colors, in one flower.

Each 25c, 3 for 65c, 12 for \$2.50.

FUNKIA

Alba (Day Lily)—Pure white lily-shaped, fragrant flowers, borne in large clusters. Each 25c, 3 for 65c, doz. \$2.50.



Funkia Alba

Paniculata fl. pl.—Double form of the preceding. 25c. each, 3 for 65c, doz. \$2.50.

HEUCHERA

Sanguinea—About two feet high. The flowers are produced in loose, graceful spikes, and come in the greatest profusion. In color it varies from light coral red to crimson. Each 25c, 3 for 65c, doz. \$2.50.

HELENIUM

Pumilum—A most useful summer and autumn flowering perennial; growing about 18 inches high, and almost smothered with its golden-yellow blossoms. In England this is a great favorite as a cut flower, and is grown by the acre for Covent Garden Market. 25c each, 3 for 65c, doz. \$2.50.

HEMEROCALLIS

Flava—(Lemon Lily)—Lemon colored flowers, excellent for planting among shrubbery.

Dumortieri—Dwarf Day Lily, deep yellow.

Fulva fl. pl.—Double Orange Day Lily.

Middendorfi—Low growing, golden yellow.

Any of the above 25c each, 3 for 65c, doz. \$2.50.

MYOTOTIS (Forget-me-not)

Platustris Semperflorens—A variety that is hardly ever out of flower; useful in the rockery or in shady spots in the border. 25c each, 3 for 65c, doz. \$2.50.

HOLLYHOCKS, DOUBLE

Hollyhocks are among the finest permanent garden plants, making a great display with little or no care. Double White, Yellow, Pink, Crimson and Scarlet. Price for two year old plants 25c each, 3 for 65c, doz. \$2.50.

HELIANTHUS (Hardy Sunflower)

Multiflorus.

fl. pl. (Double

Hardy Sunflower)

—An extremely

useful hardy plant.

It bears profusely

large double flowers

of a bright yellow

color.

Meteor—

Large double or-

ange flowers, with

bold yellow guard

petals; 5 feet;

August and Sep-

tember.

Soleil D'Or—

Deep golden yellow,

quilled petals,

not unlike a Dahlia.

Each 25c, 3 for 65c.

doz. \$2.50.

HIBISCUS

CRIMSON

EYE

(Perennial

Mallow)

Dense bushes

5 to 8 feet high.

bearing immense

flowers of various shades.

Each 25c, 3 for 65c, doz. \$2.50.



Double Hollyhocks

HYPERICUM MOSERIANUM

A new evergreen shrub, 2½ feet high, which is covered with large flowers from May until fall. They are about 2½ inches in diameter, of the richest pure golden yellow, while the petals are of great substance. It is really an ever bloomer. Each 25c, 3 for 65c, doz. \$2.50.

MONARDA (Bergamot)

Showy plants, growing from 2 to 12 feet high, with aromatic foliage, and producing their flowers during July and August.

Didyma (Oswego Tea)—

Flowers bright scarlet,

produced in spikes, 25c each, 3

for 65c, \$2.50 doz.

INCARVILLEA

(Hardy Gloxinia)

Delavayi—A tuberous-

rooted plant bearing rose-

colored flowers resembling

Gloxinias. Roots require pro-

tection during Winter. 25c

each, \$2.50 doz.

LYCHNIS (Campion)

Chalcedonicum—Heads

of brilliant orange scarlet,

grows 2 to 3 feet high, blooms

all summer.

Semperflorens—Ever

blooming light pink.

Viscaria—Double Red

(Ragged Robin).

Any of the above Lychnis 25c

each, 3 for 65c, doz. \$2.50.

PYRETHRUMS

Double—Hardy Chrysanthemums in beautiful double

varieties. Each 25c, doz

\$2.50.

Single—Hardy Chrysanthemums in beautiful single varieties. Each

25c, doz. \$2.50.

Uliginosum (Giant Daisy)—Pure white, Aster-like flowers, about three

inches in diameter. Each 25c, 3 for 65c, doz. \$2.50.



Single Pyrethrums



Japan Iris

IRIS (Fleur-de-Lis)

JAPAN IRIS (*Iris Kämpferi*)—In beauty, size of flower, and richness of coloring, these Irises are grand, the flowers averaging from 6 to 8 inches across, the prevailing colors being white, crimson, rose, lilac, lavender, violet and blue. A golden yellow blotch surrounded by a halo of blue or violet, at the base of petals, intensifies the wealth of coloring. The Japan Iris is perfectly hardy.

Apollo—Single, pure white with pink centre.

Distinction—Single, lavender pink with yellow blotches.

Gold Bound—Double, pure white.

Mt. Hood—Double, light blue, shaded darker, orange centre.

Oriole—Double, rich plum color, marked yellow.

Pyramid—Double, lilac blue, veined white.

Templeton—Double, light violet, mottled pink and white.

Victor—Double, veined violet purple.

Any of the above **Named Varieties**—Price 25c. each, 3 for 65c., doz. \$2.50.

Double and single varieties, mixed—Strong roots 20c. each, 3 for 55c., doz. \$2.00.

GERMAN IRIS

German Irises are certainly unparalleled for beauty; nothing in creation can vie with them unless the orchids from the tropics. Every shade of color may be found among them, and they will thrive in almost any soil without any care whatever.

Alvetea—Light blue, falls purple.

Candicans—Light lavender, falls reddish purple.

Florentina—Creamy white, fragrant and early.

Fragrance—White, edged with blue.

Honorable—Intense yellow, falls bronze.

Mrs. H. Darwin—Fine large white.

Madam Chereau—Pure white, edged blue.

Neclecta—Fine blue, falls deeper shade.

Pearl—Lavender.

Penelope—White, falls veined purple.

Queen of the Gypsies—Light bronze, falls purplish red.

Souvenir—Brilliant yellow, falls nettled buff and purple.

Velveteen—Yellowish buff, falls plum purple.

Pseudo Acorus—Foliage striped yellow and green.

Any of the above named varieties—20c. each, 3 for 55c.; \$2.00 per doz.

Mixed varieties—15c. each, 2 for 25c., \$1.50 per doz., per 100 \$10.00.

NEW GERMAN IRIS

King of Iris—Lemon yellow, falls deep brown and yellow. Each 40c.

Lorely—Light yellow, falls blue, bordered cream, very fine. Each 30c.

Princess Victoria Louise—Sulphur yellow, falls plum color, edged cream. Each 50c.

Pallida Dalmatica—One of the most beautiful of the German Iris, very hardy and free flowering, in color an exquisite shade of lavender. Each 30c. The above four new varieties for \$1.40.

PENTSTEMON GENTIANOIDES

Large Flowering Hybrids—Graceful in growth, while the elegant beauty of their pyramidal spikes of large Gloxinia-like flowers elicits the admiration of all. 25c. each, 3 for 65c., \$2.50 doz.

GARDEN PINKS

Produce large quantities of fragrant flowers in May and June, almost equal to Carnations.

Cornet—Light pink.

Her Majesty—Extra fine white.

Homer—Rosy red, dark centre.

Souvenir de Sale—Rich pink.

Abbotsford—Blush white.

Each 25c., 3 for 65c., doz. \$2.50.



Pæonia Tenuifolia

DOUBLE CHINESE PÆONIES

These great big-hearted flowers of June are coming again to be as much liked as they were by our grandfathers. They grow from 1 to 3 feet high, producing the most magnificent blooms, which sometimes almost surpass the beauty of the rose. Another point which is largely in their favor is the fact that the plants are never attacked by either insects, animals or fungus disease. Peonies will succeed in most any kind of soil, but give best result when planted in deep, rich and somewhat moist loam.



Chinese Pæony

SELECT LIST OF CHOICE AND RARE DOUBLE HERBACEOUS PÆONIES

	Each	Per doz
Albatre —Ivory white, perfect flower.	\$0 80	\$9 00
Austerlitz —Beautiful delicate bright pink.	50	5 40
Canary —Pale yellow.	50	5 40
Charlemagne —Creamy white, fragrant.	50	5 40
Claire Dubois —Light rose, very late, fragrant.	90	10 00
Duchesse de Nemours —Bright pink, very large flowers.	50	5 40
Eugene Verdier —Creamy white and pink, fragrant.	1 00	11 00
Festiva Maxima —Pure white, centre red-spotted, fragrant.	60	5 60
Jules Elie —Soft rose, silvery shaded, late bloomer, very fragrant.	1 10	12 00
Lady Lenora Bramwell —A beautiful silvery-rose, of fine form.	60	5 60
Madame de Verneville —Creamy white, large petals.	80	9 00
Marguerite Gerard —A strong robust grower, and early bloomer; flowers very double, light pink or flesh color; fragrant.	80	9 00
Marie Lamoine —Pure white, centre flesh color.	60	6 60
Meisonier —Purple, late, very fragrant.	60	6 60
Zoe Calot —Fine Rose.	60	6 60

STANDARD NAMED VARIETIES

Agida—Rich and glowing dark red.

Baron Rothschild—Bright rose pink.

Beaute Francaise—Beautiful clear red, very fragrant.

Duchesse D'Orleans—An extra large fine salmon pink.

Festiva Alba—A fine large pure white.

Humea Carnea—Large rose with blush centre.

Jeanne d'Arc—Soft pink, centre sulphury white, very fragrant.

Modeste Guerin—Bright cherry rose, fragrant.

Pottsil—Deep rose, late flowering.

Prolifera Tricolor—White with yellow, extra fine flower, fragrant.

Purpurea Superba—Fine full rosy pink, extra choice flower.

Rosea Superba—Rosy pink.

Rubens—Dark red, single flowers.

Victoire Modeste—Rosy white, very pretty.

PRICE—Strong Roots of any of the above 30 cents each; \$3.00 per doz.; \$24.00 per 100.

UNNAMED VARIETIES IN SEPARATE COLORS

Double White, Pink or Crimson. Each 25c., doz. \$2.50, per 100 \$20.00

Pæonia Officialis—This type is one of the earliest to flower, coming in fully a week earlier than the general list of herbaceous sorts. We offer two distinct colors. All are strong growers, and produce very large blooms. **Rubra**—rich crimson. **Alba**—blush white. 30c. each, \$3.00 doz.

Pæonia Tenuifolia, Double Flowering—Interesting and handsome, not only on account of their rich crimson flowers, which resemble in color the Gen. Jacqueminot Rose, but the fine feathery foliage makes them a handsome ornamental plant, even if they ever produced a flower; always scarce and much sought after. (See cut). 50c. each.

POPPIES

Iceland (*Papaver Nudicaule*)—These poppies range in color from the purest satiny white and yellow to the deepest glowing orange-scarlet, and have a delicious lilac-like fragrance blooming from June to October. Mixed colors, each 25c, 3 for 65c, doz. \$2.50.

Oriental Poppy—Large flowers, 6 inches across, of the brightest imaginable scarlet, height 3 to 4 feet, 25c, each, 3 for 65c, \$2.50 doz.

HARDY PHLOX

Their large and very brilliant trusses of beautiful flowers comprise all shades of color, from white to crimson, striped and mottled. Divide and replant in freshly prepared soil each alternate year. They delight in sunny situations and a rich soil. We offer the following distinct sorts, but can supply many other varieties.

Bridesmaid—(Tall)—white with crimson-carmine centre.

Blanche Comte—(Tall)—Deep crimson.

Champs Elysee (Medium)—Rich purplish crimson.

Coquelicot—(Dwarf)—Light red, brightest of all.

Eclairer—(Tall)—Rosy magenta, with lighter halo.

Eugene Danzanvillier—(Tall)—Lilac, shading white towards edges.

Edmond Rostand—(Medium)—Reddish violet, white centre.

Henry Marcel—(Med.)—Pure red with bright salmon shadings.

Henry Murger—(Tall)—White, crimson carmine centre.

Jeanne D'Arc—(Tall)—Large flowering, pure white.

M'me Paul Dutrie—(Tall)—Delicate lilac rose, flowers very large.

Pantheon—(Tall)—Light pink.

R. P. Struthers—(Tall)—Rosy carmine with claret-red eye.

Rosenberg—Reddish violet with blood-red eye.

Selma—(Tall)—Large flower, pale rose-mauve with claret-red eye.

Sunshine—Red, with crimson eye and light halo. Each 25c, 3 for 65c, doz \$2.50.

PHLOX AMENA—A dwarf-growing species, attaining a height of only 6 inches, completely covered with bright pink star-like flowers during April and May. 25c. each, \$2.50 doz.

PLATYCODON

Platycodons are closely allied to the Campanulas and form neat branched bushes of upright habit, which bear a continual succession of flowers from June until October.

Grandiflorum—Deep blue cupped star shaped flowers. Each 25c, 3 for 65c, dozen \$2.50.

RUDBECKIA

"Golden Glow"—Attaining a height of 4 to 6 feet, it begins to flower early in the season and continues until late in the fall. The flowers are produced in enormous quantities on long stems and resemble a fine double golden-yellow Cactus Dahlia. 25c. each, 3 for 65c, \$2.50 doz.

Fulgida—Brilliant orange-yellow flowers, produced in masses on well branched plants. 2 feet high, 25c. each, 3 for 65c, \$2.50 doz.

Newmanii—Dark orange-yellow flowers, with deep purple cone, borne on stiff wiry stems, 3 feet high, admirably fitting it for cutting. Flowers from July to October. Each 25c, 3 for 65c, doz. \$2.50.

STOKESIA

Cyanea—Grows from 18 to 24 inches high bearing from early July until October, handsome lavender blue blossoms of easy culture. Each 25c, 3 for 65c, doz. \$2.50.

SPIREA FILIPENDULA (fl. pl.)

(Double flowered Drop-wort). Numerous corymbs of double white flowers and pretty fern-like foliage. Each 25c, 3 for 65c, dozen \$2.50.

SWEET WILLIAM

Beautiful old-fashioned favorite border plant. The stock we offer has been grown from a select strain. Various colors. Each 25c, doz. \$2.50.

THALICTRUM ADIANTIFOLIUM

(Maiden Hair Thalictrum)

A beautiful plant rivaling the Maiden Hair Fern in the delicacy of its foliage, but hardy. Each 25c, 3 for 65c, doz. \$2.50.

THRIFT (*Armeria*)

Foliage evergreen, of dwarf compact habit, rosy pink flowers from spring to fall, fine border plant. Each 25c, 3 for 65c, doz. \$2.50.

TRITOMAS

(The Everblooming Flame Flower)

Pfitzerii—The freest flowering variety in cultivation, with spikes from 3 to 4½ feet high and heads of bloom over 12 inches long of a rich orange-scarlet, shading to salmon-rose at edges, producing a grand effect whether planted singly in the border or in masses or in beds of a dozen, a hundred or in thousands. 25c. each, 3 for 65c, \$2.50 per doz, \$15.00 per 100.

VALERIANA

Officinalis—(Spurred Flower)—Garden Heliotrope. Large trusses of lavender flowers, 3 feet high. Each 25c, 3 for 65c, doz. \$2.50.

VIOLETS

California—The finest single violet. The flowers, which are very large are borne on long stout stems, which make it specially valuable for cutting they are very fragrant and of clear violet purple color.

Double Russian—A perfectly hardy double blue violet, deliciously fragrant, deep in color and very tree flowering.

Princess of Wales—Color, rich shade of dark velvety blue. The growth is remarkably strong, fragrance very fine.

Swanley White—Large double, pure white. Each 25c, 3 for 65c, \$2.50 doz.

California Violet—(The best for outdoors)

SIMMERS' COLLECTIONS

—OF—

OLD-FASHIONED

HARDY PERENNIAL PLANTS

Those are prepared especially for those who are not acquainted with this class of plants, and are composed exclusively of the easiest-growing, freest-flowering varieties, and also covering the longest flowering period.

	By mail	postpaid
• 6 distinct species, our selection	\$1 25	\$1 60
12 distinct species, our selection	2 50	3 20
25 distinct species, our selection	5 00	6 25



Iceland Poppy



Hardy Phlox



Spirea Filipendula. fl. pl.

CLEMATIS



Type of Large Flowering Clematis

Jackmanii Alba—Fine pure white
Lawsoniana—Purple, darker veins.

Jackmanii, purple—This variety with its strong, healthy growth, hardy nature, and rich, deep velvety purple flowers, is the most satisfactory of its class. Blooms with astonishing profusion from July to November on shoots of the present season; should be pruned early in the spring.

Madame Van Houtte—White, fine. | **President**—Satin blue.

EACH 60c, PER DOZ \$7.00

Fragrant and Small-flowering CLEMATIS

PANICULATA (Sweet-Scented Japanese

Clematis—A beautiful rapid growing fall flowering variety, bearing immense clusters of sweet-scented small white flowers, each 50c, doz \$5.00.

Flammula "Fragrant Virgin's Bower"—Flowers pure white, deliciously fragrant. The plants attain the height of 20 feet, and when trained on trellis work, and in full bloom, look like a mass of snow; hardy. Each 50c, per doz \$5.00.

Virginiana—A rapid strong growing variety, producing a profusion of white flowers during July and August. Each 50c.

Coccinea—A very handsome, hardy climber, bearing thick bell-shaped flowers of a bright coral red color; blooms with wonderful profusion from June until frost. Each 60c.

Crispa—A very beautiful species, bearing an abundance of pretty bell-shaped, fragrant, lavender flowers with Each 50c.

Clematis Paniculata

white centre. Blooms from June until frost.

AKEBIA QUINATA

A perfectly hardy, fast-growing Japan vine, with magnificent foliage, producing flowers in large clusters of chocolate purple color, possessing a most delicious perfume; unsurpassed for covering trellises and verandahs, the foliage never being attacked by insects. Each 50c.

HARDY PASSION FLOWER

Constance Elliott—An excellent climbing vine. The flowers are large, remarkably handsome and attractive, highly perfumed. Color pure ivory white with raised centre. Hardy in open ground if given a light covering of leaves or litter during the winter. Each 40c, 3 for \$1.00.

Plant in a sunny spot in good garden soil dug very deep. We recommend the application of well rotted manure in holes a few inches away from the plant in opposite directions. The feeding roots reach out to these holes, which may be watered freely, with better success than when the manure is applied directly to the base of the plant.

Large Flowering Varieties

Henry—Creamy white, large and handsome.

Duchess of Edinburgh—The best of the double pure white, deliciously scented.

Gypsy Queen—Very finest purple variety; strong, free bloomer.

Boskoop Seedling—Large lavender.

Mad. Baron Veillard—Light rose, shaded lilac.



DUTCHMAN'S PIPE

(Aristolochia Siphon)

A vigorous growing vine with heart-shaped leaves and curious pipe-shaped flowers. One of the very best climbing vines known. Hardy, rapid grower, best for porches, verandahs, and sides of dwellings.

Each 50c, doz \$5.40

BIGNONIA

(Trumpet Vine)

For covering unsightly places, stumps, rock-work or planting in crevices in ledges, the Bignonias will be found very useful. The flowers are large, attractive and showy, borne profusely when the plant attains a fair size.

Grandiflora—Large flowered Trumpet Creeper, bearing blooms of orange red color. Each 50c.

Radicans—Dark red, orange throat; free blooming and very hardy. Each 50c.

HONEYSUCKLES

Monthly Fragrant (Belgica)—Beautiful variegated flowers; blooms all the summer.

Scarlet Trumpet—A strong, rapid grower; bright scarlet flowers, blooms all the summer.

Yellow Trumpet—A very robust rapid grower; yellow flowers, blooms all the summer.

Halleana—One of the finest for covering trellises and walls, bearing throughout the summer showy clusters of white and yellow flowers; very fragrant.

Strong plants, any of the above varieties, 50c. each.



Honeysuckle

CHINESE WISTERIA

This is one of the most popular of our hardy vines, growing very rapidly, climbing to a height of 50 feet or more; when in bloom is truly magnificent. It flowers in early spring in long, drooping racemes, resembling in size and shape a bunch of grapes.

Blue—Flowers in clusters, pale blue, sometimes gives a second crop of flowers in fall. Strong plants each 50c.

White—Flowers in long drooping clusters, as in the blue variety. pure white color, most striking. Strong plants each 50c.

ENGLISH IVY

A splendid evergreen, well-known climber, glossy green leaves, clings firmly to stone or brick walls. Each 30c, doz \$3.00.

BOSTON IVY

(Ampelopsis Veitchii)

The grandest hardy climbing vine for covering houses, churches, etc., the tendrils clinging firmly to the smoothest surface. The foliage assumes in the Autumn beautiful tints of scarlet and crimson. Strong plants 40c, 3 for \$1.00, doz \$3.75.

VIRGINIA CREEPERS

A very well-known rapid-grower; like the Bignonia and Ivy, it throws out roots at the joint, by which it fastens itself to anything it touches. Large, strong plants 40c, doz \$4.50.

HOP VINE

One of the very best climbers for covering unsightly places. It is a rapid grower, and bears a profusion of seed pods suitable for many domestic purposes. Each 25c, 5 for \$1.00.



Ampelopsis Veitchii (Boston Ivy)

PLEASE NOTE—Our Climbers are not rooted Cuttings, but strong field-grown vines.

ORNAMENTAL SHRUBS

Positively no Shrubs or Ornamental Trees sent out C.O.D.
Price For Extra Strong Shrubs each 50c, doz \$5.50. By express only.



Lilac Blossom

Hydrangea Paniculata Grandiflora—The flowers are white when they first open, but gradually change to rose color and remain in good condition for weeks. Price. 1st size, 75c, 2nd size, 50c.

Hydrangea Paniculata Grandiflora—Standard, 75c each.

Half Standard, 75c each.

Hydrangea Arborescens Grandiflora—Blossoms large, snow white.

Honeysuckle, Tree-shaped or Tartarian—Desirable shrubs with handsome dense foliage, and covered in May with profusion of delicate small flowers, followed by rich orange-colored berries.

Lilac, Marie Le Graye—Pure white, single.

Chas. X—Reddish purple, single.

Souvenir de Louis Spath—Dark purplish red, single.

Mad. Cassimir Perrier—Double creamy white.

Mad. Lemoine—Double white, large spikes.

Michael Buchner—Double purple.

President Grevy—Beautiful blue; very large and double.

Lilac, White Persian—Slender growing shrubs, more delicate and graceful than the above; white flowers, very handsome and fragrant.

Philadelphus (Syringa or Mock Orange)—Well known hardy desirable shrubs, with handsome white flowers, very fragrant.

Philadelphus (Syringa, Golden-leaved)—Pretty plant of medium size. Golden-yellow foliage; retains its color the entire season; valuable for creating contrasts with green and purple-leaved shrubs.

Prunus Triloba—A new large shrub from China, with slender branches and pink flowers in profusion.

Prunus Pissardii—Foliage rich purple, retaining their color throughout the season.

Price—Of any of the above extra strong shrubs, except where noted, each 50c, doz \$5.50. If wanted by mail add 20c per shrub for postage and packing

Almond, Dwarf Double Flowering (Amygdalis)—Well-known, covered in spring with pink flowers like double roses; showy.

Althea, Double, (Rose of Sharon)—Flowers in August and September.

Barberry, Purple-leaved (Berberis Vulgaris purpureus)—A handsome variety with purple foliage, very ornamental and distinct.

Burning Bush (Euonymus Europaeus)—Pods covered with scarlet seeds during autumn and winter.

Chionanthus Virginica (White Fringe)—A tall-growing native shrub, blooming profusely in June. The single flowers resemble bunches of white silken fringe hung gracefully among the foliage.

Clethra Alnifolia (Sweet Pepper Bush)—White fragrant flower spikes.

Deutzia, Gracilis—Slender branches, pure white flowers.

Forsythia Fortunei—Yellow flowering shrub. Blooms early in Spring before leaves appear.

Deutzia Crenata—Double white flowers tinged red.

Exochordia Grandiflora (Spirea)—A vigorous-growing shrub, forming a neat, compact bush 10 to 12 feet high, can be trimmed in any desired shape. The pure white flowers are borne in slender racemes of 8 to 10 florets each.

Filbert, Purple-leaved—Remarkable purple leaves, distinct and fine.

Flowering Currant (Ribes Aureum)—A native species with shining leaves and yellow flowers.

—Red flowering variety.

Fringe, Purple or Smoke Tree (Rhus Cotinus)—Has very curious bloom, which, when covered with dew resembles a cloud of smoke or mist.

Golden Elder (Sambucus nigra var. aurea)—A handsome variety, with golden yellow foliage, a valuable plant for enlivening shrubberies.

Quince, Japan (Pyrus Japonica)—A shrub with spreading branches covered in May with large, brilliant scarlet flowers.

Snowball (Viburnum Sterilis)—An old favorite spreading shrub; covered in June with handsome white flowers.

Snowball, Japan (Viburnum Plicatum)—From North China; has rich deep green foliage and pure white flowers; quite distinct from the common sort.

Snowberry (Symphoricarpos Racemosus)—Pink flowers in summer large white waxy berries in autumn.

SPIREAS

Anthony Waterer—Flowers bright crimson, finest of all crimson varieties.

Prunifolia (Bridal Wreath)—Handsome shrub, white daisy-like flowers in May; one of the best.

Eximia—Flowers a bright rose, blossoms in July.

Von Houttei—Large clusters of white flowers growing in graceful racemes.

Opulifolia Aurea—Golden-yellow foliage and white flowers.

Bumaldi—Red, blossoms a long time.

WEIGELIAS

Amabilis or Splendens—Resembles Rosea, leaves and flowers somewhat larger.

Candida—White, flowering throughout the summer.

Eva Rathke—Flowers brilliant crimson, very distinct.

Variegated-leaved—Leaves variegated, flowers rose color.

Von Houttei—A hardy, vigorous-growing sort, bearing a profusion of deep rose-colored flowers in May and June.

Rosea—A hardy handsome Chinese shrub, blossoming in June; flowers a beautiful blush, changing to a deep rose color.

ORNAMENTAL TREES (Upright Deciduous)

Allanthus (Tree of Heaven)—Tall and rapid growing, feathery foliage \$1.25 each.

Manitoba or Ash-leaved Maple—Hardy, rapid grower, leaves resembling the Ash, \$1.25 each.

American Sweet Chestnut—Unrivalled for its symmetrical form, rich glossy foliage, edible nuts, \$1.00 each.

Beech, Purple—\$1.50 each.

Black Walnut—Majestic form, foliage beautiful, edible nuts, \$1.25 each.

Butternut or White Walnut—A fine, hardy tree, producing nuts, \$1.25 each.

Catalpa Hardy—Rapid grower, with immense leaves, often measuring one foot in width by two feet in length. Suited to all soils, \$1.00 each.

Elm—American White, \$1.25 each.

Horse Chestnut—A well-known tree, with an abundance of flowers, \$1.25 each.

Maiden Hair Tree—Rapid growth, rich, glossy, fern-like foliage, \$1.25 each.

Mountain Ash—Hardy; covered with clusters of scarlet berries, \$1.25 each.

Mulberry (Russian)—A fine, rapid growing tree, with delicious fruit, \$1.00 each.

Poplars—Lombardy, each 75c.

Silver Maple—\$1.25 each. **Sugar Maple** \$1.25 each. **Norway Maple** \$1.25 each. **Sycamore Maple**, \$1.25 each.

Tulip Tree—\$1.25 each.

Thorn—Paul's Double Scarlet. Flowers large, deep carmine scarlet, \$1.00 each.

Thorn—Double white flowering, \$1.00 each.

Weir's Cut-leaved Maple—A variety of silver Maple, with cut or dissected foliage. Price \$1.50 each.

WEeping DECIDUOUS TREES

Cut-leaved Weeping Birch—Vigorous and hardy. Price \$1.50 each.

Elm Camperdown Weeping—\$1.50 each.

Weeping Mulberry—One of the prettiest, \$1.50 each.

HEDGE PLANTS

Privet (Common or English)—A handsome shrub, with spikes of white flowers, 18 to 24 inches high. Per doz \$1.20 per 25 \$2.25, \$8.00 per 100.

Box, Dwarf—Used principally for borders and edging, for which purpose it is the best plant in cultivation. 15c each, \$1.50 doz, \$10.00 per 100.

EVERGREEN TREES

	Height	Each	Price.	doz	100
Arbor Vitæ (American) —Commonly known as Cedar; fine for hedges.....	18 to 24 in.	40c	\$4 50	\$35	
Arbor Vitæ (Pyramidalis) —Tall and compact.....	15 to 18 in.	80c	9 00	..	
Juniper (Irish) —Fine for pyramidal effects.....	18 to 24 in.	90c	10 00	..	
Austrian Pine —Strong, hardy grower.....	24 to 30 in.	60c	7 00	..	
Scotch Pine	15 to 20 in.	60c	7 00	..	
Spruce, Colorado Blue —Foliage of a rich blue or sage color.....	18 to 24 in.	\$2 50	..	..	
.....	24 to 36 in.	\$3.50	..	..	
Norway Spruce	12 to 15 in.	15c	1 50	9	
.....	18 to 24 in.	25c	2 75	22	
.....	30 to 36 in.	40c	4 50	35	

Special prices on application for larger quantities



HARDY GRAPE VINES

It is not safe to send these roots after the leaves have started, as the close packing required to protect the roots injures the foliage and often kills the plants; we would therefore ask our customers to kindly send us their orders as early as possible, and to reach us not later than the 20th of May, as after that date they usually begin to leaf. Nearly all of these roots are grown in open ground, and consequently cannot be forwarded until the frost is sufficiently clear in spring to lift them; they will be forwarded as soon after as possible, and when the plants are in best condition for safety.

All vines two years old and well rooted.

Cumpbell's Early			Niagara			Worden		
BLACK GRAPES			WHITE GRAPES			RED GRAPES		
Price each	Per doz	Per 100	Price each	Per doz	Per 100	Price each	Per doz	Per 100
Worden (Improved Concord)—Best black grape, seedling of Concord, larger, delicious, and much earlier.....			Niagara—Finest large white grapes, very sweet.....			Lindley—(Rog. 9)—Best red, very delicious.....		
Herbert—(Rog. 4)—Earlier and sweeter than Wilder.....			Moore's Diamond—Greenish white, compact bunches, berries of good size.....			Agawam—(Rog. 15)—Very large, vigorous and a great bearer.....		
Moore's Early—Earliest good black grape, very large.....			Green Mountain—(Winchell)—Early as Jessica, larger, more vigorous.....			Salem—(Rog. 53)—Strong vigorous vine, berries large and sweet.....		
Wilder (Rog. 4)—Largest black, very fine.....						Delaware—Red, well-known sort, delicious and productive		
Campbell's Early—Strong hardy, vigorous, very fine						Brighton—Finest quality of all out door grapes, dark red....		
30	\$2	75				30	\$2	75
Price on application			Price on application			Price on application		

LONG BLACKBERRIES

Each Doz. 100

- Erie—Very early and large, strong grower and great bearer.....
- Mercereau—Extremely hardy and productive, good shipper and keeper.....
- Rathbun—Extra hardy, large, very productive.....
- Snyder—Extremely hardy, enormously productive, medium size.....
- Taylor's Prolific—Largest of all hardy sorts, very productive and delicious.....

10 \$1 10 \$6 50



Schaffer Raspberry Houghton Gooseberry Sample Strawberry

RASPBERRIES

RED VARIETIES

- Columbian—New purple color, firm.....
- Cuthbert—A decidedly fine variety.....
- Herbert—Red.....
- Loudon—Enormously productive.....
- Miller—Very early, firmest and best shipping berry.....
- Schaffer's Colossal—Reddish brown to purple, very large.....
- St. Regis—Everbearing.....

YELLOW VARIETIES

- Golden Queen—Very large, delicious and firm.....

BLACK VARIETIES (Black Caps)

- Gregg—Fruit large, meaty and firm.....
- Hilborn—Fruit jet black, good flavor, strong grower, perfectly hardy.....
- Palmer—Large, very early.....

Each Doz. 100

10c \$1 10 \$6 50

CURRENTS

Each Doz. 100



Fay's Prolific Currant

- Black Champion—The finest black currant, large as Lee's Prolific, much more delicious.
- Black Naples—Fine reliable sort.
- Black Victoria—Black currant of enormous size, fine flavor and of unequalled productiveness.
- Cherry—Red, large as Fay's Prolific.....
- Fay's Prolific—Berries are large and uniform, very productive.....
- Raby Castle—Bunch large, bright red, prolific.....
- White Grape—Finest white currant, mild flavored, berries and bunches large, very productive.....

Perfection—Color bright red, quality fine, very productive.....

15 \$1 40 \$8 80

25c \$3 00 —

GOOSEBERRIES

American Varieties

- Downing—Larger than Houghton, green, delicious.
- Joselyn or Red Jacket—Superior quality, very productive.
- Pearl—Very productive, good size, free from mildew.
- Smith's Improved—Large, oval, light green, vigorous grower.

25c \$2 70 \$20 00

English Varieties

- Crown Bob—Red, fruit large and handsome.
- Industry—Fruit large and delicious, strong grower
- Whitesmith—Fruit large, flavor good, productive.

30c \$3 00 \$22 00

STRAWBERRIES

These varieties marked P are imperfect flowering and should not be planted alone.

Parson's Beauty (P)—Very productive, large bright red with yellow seeds, of splendid quality.

Glen Mary—Especially recommended for its vigor and productiveness, berries large and excellent flavor, late.

Lovett's Early—Seedling of Crescent, very early, equals Wilson in firmness, double the size of Crescent and will yield double the quantity.

Sample (P)—Fruit large, of fine quality, very productive.

Senator Dunlap—Very productive, large, bright red, best quality.

Williams—Large, handsome berries, extremely productive and hardy.

Prices for Spring delivery. Any of the above doz 30c, 25 for 50c, 100 for \$1.25. Per 1000 \$8.00.

Everbearing Strawberries—Per doz. 75c, per 100 \$5.00.

Prices on all Tools and other Sundries subject to advance without notice

INSECT DESTROYERS

Purchaser Pays Carriage, except where Noted

Aphis Punk—More convenient than vaporizing Tobacco extracts, for use in private places. The Punk is lighted and allowed to smoulder, the fumes killing all insects. Boxes of 12 rolls, each containing 60 grains of nicotine, sufficient for 600 feet of floor space. Price 85c per box, postpaid \$1.00.

APTERITE—Destroys all insects in the soil, 1 lb. 25c; 10 lb. \$2.00.

ARSENATE OF LEAD-PASTE—A poison to be used in place of Paris Green, for the destruction of leaf eating and chewing insects, and should be used three pounds to fifty gallons of water. Price per 1 lb. jar 40c; 5 lb. pail \$1.60.

BORDEAUX MIXTURE (Cooper's Fungicide)—Put up in powder form, ready for use. 1 lb tin 25c; 5 lbs 80c.

POISON FUNGICIDE (Cooper's)—Bordeaux Mixture with poison added, 1 lb tin 35c; 5 lbs \$1.25.

COPPER SULPHATE—For Bordeaux Mixture. Per lb 30c, 25 lb. \$7.25; 100 lb. \$28.00.

Fir Tree Oil—Soluble in water, effectually destroying all kinds of pests to which plants are subject. Bottle, small size 25c, postpaid 40c, half pint 50c, postpaid 75c, pint 90c, quart \$1.75, ½ gallon \$3.50, gallon \$6.00.

SULPHUR, POWDERED—Lb 20c, 10 lbs 1.50, per 100 lbs \$10.00.

GISHURST COMPOUND—For preventing and destroying Red Spider, Scale, Mealy Bug, Thrip, Green and Brown Fly, etc. Sold in boxes; price 75c.

GRAPE DUST—It is a preparation to kill the destructive mildew that strikes the grape-vine. Per lb 30c, 5 lb package, \$1.25.

THEIR JUICE, HAMMOND'S—Death to Mealy Bugs and Scale, which infest roses. ½ pint tins 50c, pint 90c, quart \$1.50, gallon \$5.00.

LEMON OIL—Price half pint 50c, pint 90c, quart \$1.75, ½ gallon \$3.50, gallon \$6.00.

LIME SULPHUR SOLUTION—1 quart 40c, 2 quarts 60c, 1 gallon 75c, 5 gallon \$2.75, Barrel (about 40 gallons) at 25c per gallon.

LONDON PURPLE—When applied in a liquid form, 1 lb to 200 gallons, or a teaspoonful to a pail of water is sufficient. Lb 35c, 10 lbs \$3.00.

Nico-Fume Liquid—½ lb tin 85c, 1 lb tin \$2.50. (1 lb equals about 1 pint).

NIKOTEEN—The most powerful extract, and will be found more economical than weak tobacco extracts. Pint \$1.75. Half-pint \$1.25. 1 oz. bottle 40c. 1½ oz. bottle 60c.

PURE DALMATIAN INSECT POWDER—Price, pkt 10c, ½ lb 30c, per lb \$1.00.

PURE PARIS GREEN—Securely put up in boxes. Price per lb 90c.

ROSE LEAF Extract of Tobacco—One of the most effectual articles for the destruction of all insects and scales on plants. Small bottle 25c, postpaid 40c, large bottle 50c, quart 90c, gallon \$2.50.

SLUG SHOT—A non-poisonous powder and a very popular insecticide. Easily applied and not injurious or dangerous to animals, the person applying it, or fruits and vegetables treated. Lb 15c, 5 lbs 65c, 10 lbs \$1.20, 100 lbs \$10.00. Larger lot prices on application.

Sulpho Tobacco Soap—3 oz cake for 1½ gal solution, 15c, postpaid 20c. 8 oz cake 25c, postpaid 35c.

TOBACCO SOAP—Makes an excellent wash for plants and trees infested with insects. ½ lb 25c, postpaid 35c; 1 lb 50c, postpaid 65c.

FISH OIL SOAP (Commonly known as Whale Oil Soap)—Makes an excellent wash for trees and plants, kills insects and eggs on the bark. ½ lb cake 25c; 1 lb cake 40c; 2 lbs 75c.

X. L. All, Richard's—In tablet form, very effective, 20c, per tablet

X. L. All Fumigators—Small size 70c, large size 80c.



SPRAYING MACHINES

"SUCCESS" BUCKET SPRAYER

With Bucket Foot Rest, Indestructible Bronze Ball Valves

An excellent pump for use in gardens, vineyards, greenhouses and orchards, for washing windows and buggies; also for spraying poultry houses with white wash. The working parts are all brass, and bucket foot rest is made of malleable iron. Nothing could be simpler and more durable than this pump. It has large air-chamber space, and is double-acting, throwing an absolutely continuous stream, either solid, or in fine spray.

The end of hose connecting to pump is coiled with brass spring wire, adding largely to its durability. This pump is rightly named, and as a leader for general use it cannot be beaten. "Nothing succeeds like 'Success'." The "Bordeaux" Nozzle is furnished with "Success" pumps.

Price—"Success" Brass Spray Pump, with "Bordeaux" Nozzle, with directions for spraying, \$6.00.

Seven feet of hose with connection for "Success" Pump, \$2.25 extra.

HAND SPRAYER AND ATOMIZER—Price, 65c, by mail, postpaid, \$1.00.

AUTO-SPRAY

The Auto-Spray is now used by all the leading growers, and is, without question, the most satisfactory compressed air sprayer on the market. When the air-chamber is once pumped full, it contains sufficient air to discharge the entire contents of the tank without re-pumping.

Price—Galvanized iron reservoir \$7.50; brass reservoir \$10.00 complete with Auto-Pop Nozzle.

NON-CLOG ATOMIC NOZZLE—The only nozzle which positively will not clog, easily changed to throw a graduated spray. Each, \$1.75.

COMPRESSED AIR HAND SPRAYER

Auto-Spray No. 37

A continuous and fine spray with half the pumping required on the old style sprayers. Will handle all solutions, insecticides and disinfectants. Price \$1.50.

REPAIRS AND EXTRAS

Auto Pop and fittings.....	\$2 50	Iron Extension Pipe.....	\$0 65
Brass Extension Pipe.....	75	Elbow Extension brass.....	75
Auto Spray Torch.....	1 40	Hose, per length with wire coil	65
Nozzle without caps.....	50	Caps, each.....	20
Pump valve.....	40	Leather cup, 2 inch each.....	15
Screw and Washer for stop cock	25	Solid Brass Strainer.....	1 75



ERADO—IT KILLS WEEDS

An excellent tool for killing weeds in lawns. It not only cuts off the tops but kills the roots by depositing a quantity of gasoline or other material thereon. Price, galvanized cylinder \$1.25 brass cylinder \$1.75.

SPRAY NOZZLES

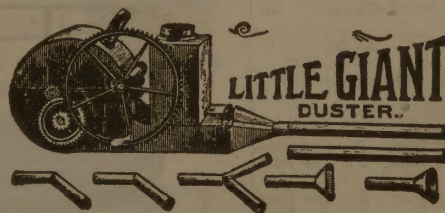
"Bordeaux"—Throws a solid stream or fine mist or may be shut off entirely. Excellent for general spraying—also for whitewashing, disinfecting etc. Price \$1.25.

Vermorel—For fine and coarse spraying, obstructions readily forced out with spring disgorger. Price, \$1.25.

The Winkle Mist—Lightest, strongest and best nozzle on the market. Price 85c.



DRY POWDER DISTRIBUTOR



LITTLE GIANT

Reservoir holds a quart of powder—weight 6 lbs. Runs entirely by gear. Dusts as fast as you walk two rows at a time. Complete with three tubes five nozzles and strap—\$11.00.

SPRAMOTOR CAN OUTFITS

Spramotor No. 0, with 5 feet hose and nozzle, 8 foot Bamboo Extension Pipe, hand valve and five gallon Galvanized Can, complete..... \$17 50

Special outfit No. 112 for spraying fruit trees, consisting of Spramotor No. 2 with 10 feet hose, hand valve, Bamboo extension pipe, with drip guard and 2 cluster nozzle..... 26.50

Prices for special outfits, also Spramotor Catalogue on application.



Bellows—Woodason's Patent—

Patent Double Cone.....	\$1 25
Large Single Cone.....	3 25
Small single Cone.....	2 00
Blows Paris Green, Hellebore, Dalmatian Insect Powder, Sulphur, Slack Lime, Slug Shot, etc., etc.	

Liquid Spraying Bellows..... 3 00**Bouquet Papers—**

3½ in., per doz.....	50c	4 in., per doz.....	60
4½ in., per doz.....	65c	5 in., per doz.....	75

Brackets—Flower Pot, ornamental, various sizes.....each 65c to.... 1 00**Cork, Virgin—Flat and tubular....per lb 15
10 lbs 1 30****Cocoa Fibre.....per lb 10
10 lbs 80****Dibblers—Wooden, D handle.....50
" " " steel point... 75
" All Steel50****Dandelion Pullers—Hall's Patent..... 75****Dandelion Spuds, painted.....60
" " bright.....75****Edging Knife, Half-Moon, of the best make.....\$1 20 with handle 1 50****Forks, Manure, D handle
4 prong.....1 35 to 1 50
5 prong.....1 80 to 2 00
6 prong.....2 25 to 2 50****Forks, Spading—
4 prong, English.....1 75 to 2 00
5 prong, English.....2 00 to 2 25****Forks, Potato—
4 prong.....2 00 to 2 25****Fumigator "Eureka" (Galvanized)—
12 inches diameter, at top 5 inches;
holds one-half peck of tobacco stems.
Price —
1st size.....\$2 50 3rd size.....1 75
2nd size.....2 00 4th size.....1 50****Fumigator, Campbell's Sulphur—Price.. 6 00****Garden Lines—Of the best hemp, 60 ft each.....25****Cod Lines—180 ft. each.....60****Garden Reels—Iron; flat, with stake.....1 00
" Triangular.....1 25****Glaziers' Points—Van Reyper—
Made of Steel Wire and Galvanized. No
rights and lefts. Price 80c per 1,000
\$1.00 postpaid.****Gloves —
Ladies'65 and 75
Gardeners' (men's)85
Harvest (men's) No. 2.....55
Gauntlet.....1 00****Grafting Wax—½ lb package 15c, ½ lb package 25c, 1 lb package.....40****Hoes—**

Dutch Scuffle, 4 inch. \$0 50	5 inch 60
6 " 70	7 " 75
8 " 80	9 " 90

Field.....75 to 90**Turnip.....75 to 90****Hoe Handles.....25 to 35****Hose, Rubber Garden—Prices subject to change without notice—**

Three-ply, 50 ft. lengths. ½ in.	¾ in.
Leader.....18c per foot	22c per foot
Lion.....20c per foot	25c per foot

Simmers' Extra

Quality.....30c per foot	35c per foot
Wire Wound.....20c per foot	25c per foot
Multipled (Corrugated).....22c per foot	28c per foot

25 foot lengths supplied at an additional charge of 50c per length for cutting.

Hose Nozzles, Gem.....75**Hose Menders—each.....20****Hose Reels—**

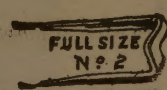
Steel Frame—(No. 10).....	2 40
" " (No. 20).....	3 00
Wooden frame with drum.....	2 50



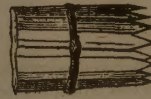
Dibbler



Dutch Hoe



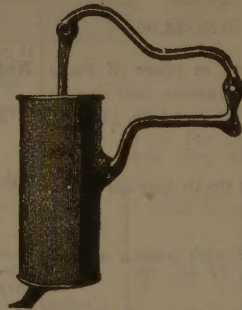
Glazing Point



Pot Labels



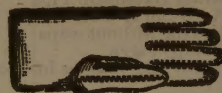
Garden Reel



Mastica Machine



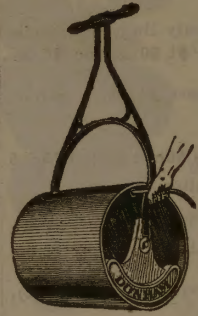
Rubber Hose



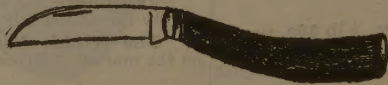
Garden Gloves



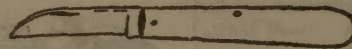
Edging Knife



Water Weight Roller



Pruning Knives



Budding Knives



Fibre Plant Stand

Knives—

Simmers' Special Make, ivory handle, brass bound, one blade.....	\$1 75
Saynor's Budding, ivory handle, one blade, large size.....	1 50
Saynor's Budding, ivory handle, medium size.....	1 25
Saynor's Pruning, medium size, stag handle.....	1 25
Saynor's Pruning, large, stag handle...	1 50
Asparagus, Imported best Sheffield..	1 25

Labels, Pot (½ inches wide)—If by mail add 15c per 100.

	per 100	per 1,000
4 in., plain.....	\$0 15	\$0 90
5 " ".....	15	1 10
6 " ".....	20	1 40
10 " ".....	30	2 60
12 " ".....	40	3 50
4 in., painted.....	20	1 20
5 " ".....	25	1 50
6 " ".....	25	1 75
10 " ".....	40	3 50
12 " ".....	50	4 00

Garden Stakes ¾ to 1½ inch Pot Label —

	per 100	per 1,000
8 in., plain.....	\$0 50	\$4 50
10 " ".....	60	5 50
12 " ".....	70	6 50
8 in., painted.....	60	5 50
10 " ".....	70	6 50
12 " ".....	80	7 75

Labels, Tree—

	per 100	per 1,000
3½ in., notched.....	\$0 15	\$1 00
" With iron wire.....	20	1 35
" With copper wire...	30	1 70

Dunham Water Weight Rollers—

W. B. 3, one section, width 20ins.....	\$11 00
W. B. 5, " " " 24ins.....	13 00
W. B. 7, " " " 24ins.....	17 00

Larger sizes and Horse Rollers, prices on application.

Mastica—For Glazing Greenhouses, Hot-Beds, etc. New or Old. Elastic, Adhesive, Easy to Apply.

Price per gallon \$2.60, per ½ gallon \$1.50, per quart \$1.00.

Mastica Glazing Machine—Price \$2.50.**Mats—Archangel, 4½x8½ feet, each..... 1 50****Moss, Sphagnum—Per bale..... 2 00****" French Dyed, pkg..... 15****Peat—****Fibrous, for Orchids, per 10 lbs..... 2 00****Pencils, Wolf's Indelible—Each..... 15****Plant Stakes—Square, painted green, useful for tying plants, shrubs, etc.**

2½ ft.....per doz \$0 50 per 100.....	\$3 75
3 " ".....60 ".....	4 50
3½ " ".....80 ".....	6 00
4 " ".....1 00 ".....	7 00
5 " ".....1 50 ".....	10 00
6 " ".....1 75 ".....	12 00

Plant Stakes, Bamboo or Cane—5 to 10 feet long, Medium, per doz 20c, per 25, 40c, per 100..... 1 50

Extra heavy, per doz 40c, per 25, 80c, per 100..... 3 00

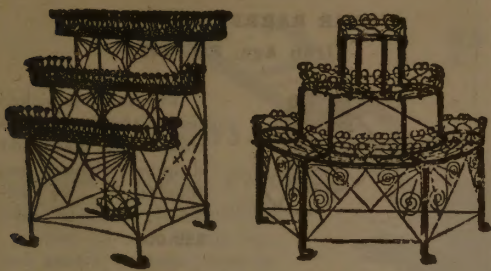
Plant Stands—Fibreware, with castors—

Platforms are indurated fibreware, will not soak or rust.

14 inch 4 castors \$1 50	18 inch 4 castors 2 25
16 " " 2 00	20 " " 2 50
22 inch 5 castors, \$3 50	

Plant Saucers—Fibreware same as above without castors—

4 inch 30c each	10 inch 45c each
6 " 35 " "	12 " 55 " "
8 " 40 " "	14 " 60 " "



No. 6.

No. 2.

Plant Stands, Wire—

Size No. 6, \$10.00; size No. 2, \$11.00.

Other styles quoted on application.

Potato Knife—For Cutting Seed Potatoes,
Price 35c.**Potatoe Eye Cutter—"The Lightning,"**
Price 20c.**Powder Gun—Tin, Round, each** \$0 25
" " **Jumbo, each** 35**Putty Distributor—"The Scollay"—**

For applying liquid putty, price..... 1 60

Putty—Twemlow's old English Glazing—
Half liquid—

1 qt tins, \$1.00; 2 qt tins \$1.75; 1 gallon tin 3 25

**"J. D." Lawn Rake****Rakes—**

Dunn's patent, for cleaning lawns—

16 inch \$1 20 22 inch 1 70

18 " 1 40 24 " 2 00

Ole Olsen, wooden, for lawns; either
straight or curved head..... 90**"J. D." Lawn Rake—Made of pressed steel.**
Very light and durable. Good for destroying
dandelions.

No. 1. 15 inch..... 80

No. 2. 20 " 1 00

Garden, steel, with handles, 12 teeth, \$1.00;

14 teeth, \$1.25; 16 teeth..... 1 50

Lawn, steel, curved teeth..... 1 50

The Queen, 24 teeth..... 90

" 36 teeth..... 1 80

" 42 teeth..... 2 10

Hay, Wire Bow..... \$0 40 to 60

Rake Handles..... 25 to 35**Roffia or Raphia—Natural.** The best tying
materials for plants, etc., 10 lbs for \$3.50,
per lb 40c.**Roffia—Colored.** All the leading colors
Per pkt. \$0 20, per ¼ lb..... 40**Saws—Heavy, for pruning, each.....** 1 20

" —California pruning 1 20

Scissors—

Flower gatherers, silver plated..... 1 80

Grape thinning..... 1 20

Scythes, Tysack's—English, 36 inch..... 1 75**Scythe Snaathe.....** \$1 50 to 1 75**Scythe Stones—English round.....** 25**Shears—**

Border or grass..... 3 25

Border or grass with wheel..... 3 50

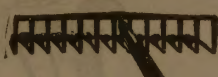
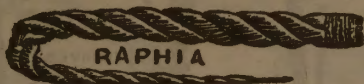
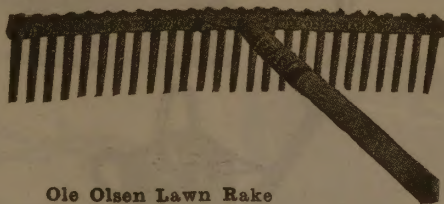
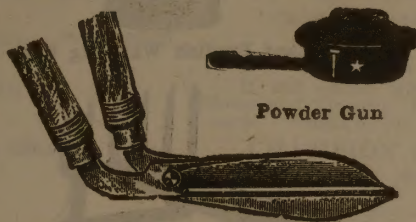
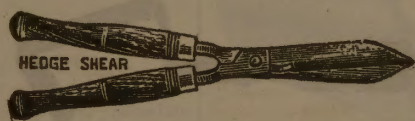
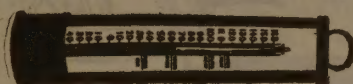
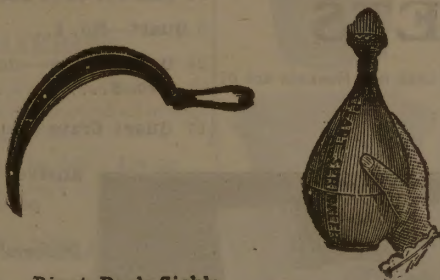
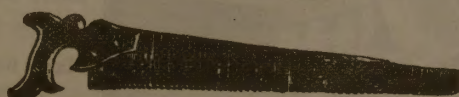
Grape presenting, used for preventing
the grape from being handled, Pair... 1 50

Hedge or lawn, best imported, 7 in..... 1 50

" " with pruning notch 8 in. 1 75

Ladies' for light work, durable..... 1 40

Sheep, for edgings..... 65c. to 1 00

**Steel Garden Rake****RAPHIA****Ole Olsen Lawn Rake****Powder Gun****Border or Grass Shears. Price \$2.00****HEDGE SHEAR****Lawn or Hedge Shears****Japanned Case Thermometer****Rivet Back Sickle****Scollay Sprinkler****Tysack's English Scythe****Pruning Saw****Simmers' Perfection Pruning Shears****Shears—**

Pruning—Simmers' Perfection.

Black, 8 in. \$1 50...9 in. \$1 75

Polished, 8 in. 1 75...9 in. 2 10

Pruning, for pruning Roses, Currants,

Vines, etc. Per pair, \$1.20 to..... 1 80

Pruning Shear and Knife combined..... 1 75

Sickles, rivet back, No. 0, 45c; No. 1, 50c;
No. 2, 60c; No. 3..... 70**Spades—**

Imported English, extra strong..... 3 50

Black's sodding 2 25

Canadian manufacture..... \$1 50 to 2 00

Draining...18 inch \$2 25 20 inch... 2 75

22 inch..... 3 50

**Putty
Distributor****Vapor Bottle Sprayer**Made of two brass tubes
one telescoping the other.
The nozzle is adjustable for
fine or coarse spray. Easy
to operate. Fits any quart
bottle. Each..... \$2.00**Sprinklers—**

Lenox Atomizer, each..... 75

Extra Rubber Balls, each..... 35

Scollay—

No. 1 with Valvular Top 1 35

Lawn—

2 arm revolving, each..... \$1.50 and 2 50

"The Fountain"..... 1 00

**Syringes—English Brass—**

The very finest goods in the market.

14x1½ in., 1 rose, 1 jet, angle 2 50

20x1½ in., 1 rose, 1 jet, angle..... 3 00

16x1½ in., plain, 1 rose, 1 jet..... 1 65

16x1½ in., polished 1 rose, 1 jet..... 2 75

18x1½ in., plain, 1 rose, 1 jet 2 25

18x1½ in., polished, 1 rose, 1 jet..... 4 00

18x1½ in., 1 rose, 1 jet, lighter make... 1 50

Thermometers—

Tin Case, (Japanned)—8 in..... 0 30

" Better quality..... 0 40

Glass, Dairy, each..... 80

Hot-Bed—Metal scale, extra quality... 2 00

Registering—With magnet, 8 in..... 4 50

Accuratus—Standard Mercury, tin-case,

8 inch..... 90

Copper Case—Best for greenhouse, medium

" " larger..... 80

Household—Easy reading..... 1 00

CLEVE'S
TRANSPLANTING
TROWEL.

SOLID STEEL
8 INCH BLADE

6 feet ..	\$3.50	12 feet ..	\$4.25
8 feet ..	3.75	14 feet ..	4.50
10 feet ..	4.00	16 feet ..	4.75



Made of Cedar, painted green.

Size	Inside Top Diameter	Inside Depth	Price each
3	8 in.	8 in.	\$1.00
4	9 "	9 "	1.25
5	10 "	9 "	1.50
6	11 "	10 "	2.00
7	12 "	11 "	2.25
8	13 "	12 "	2.50
9	14 "	13 "	2.75
10	15 "	14 "	3.00
11	16 "	15 "	3.25
12	17 "	16 "	3.50
13	18 "	17 "	3.75
14	19 "	18 "	4.00



Garden Trowel



Galvanized English Watering Can



Combination Weeder



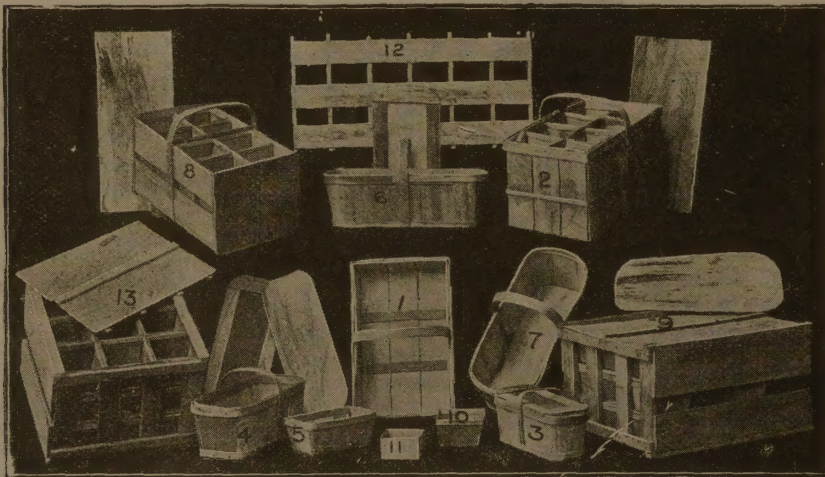
Hazeltine Weeder



Special Garden Wheelbarrow

No. 24.....per lb	\$0 30.....	5 lbs...	\$1 40
No. 28.....per lb	40.....	5 lbs...	1 75
No. 36.....per lb	50.....	5 lbs...	2 25

Basket Fasteners—Put up in 2 lb packages, 40c.



	Per doz	Per 25	Per 100
11 Quart or 15 lb Basket—No. 6.....	\$1 00	\$2 00	\$7 50
6 Quart—No. 4.....	90	1 75	6 50
24 Quart Crate—with partition, including cover— No. 3.....	Each 25c 3 00	6 00	23 00
27 Quart Crate—No. 13.....	Each 25c 3 00	6 00	23 00

Shelves for 24 Quart Crates—with			
partition	35	60	2 00

Pickers' Field Baskets, No. 1, each	20c	2	40	4	60	18	00
-------------------------------------	-----	---	----	---	----	----	----

Leno Covers for 11 Quart Baskets ..	} 25	50	2 00
" " " 6 " " "			
Wood Covers for 11 Quart Baskets ..	}		
" " " 6 " " "			

Berry Boxes, one quart—No. 10—Per 100, 70c; Per 1,000 \$6.50.

**Berry Boxes, one pint—No. 11—Per bundle of 250, \$1.75;
per 1,000; \$7.00.**

Plant Boxes—No. 5—In bundles of 100, per 1,000 \$10.00;
per 100, \$1.20.

Round Bottom Apple Pickers..Each 80c, doz. 9.00.

PLOWS

FLEURY PLOWS

General Purpose Plows
very light in draught.

Nos. 21 and 13 the two
best general purpose plows in
Canada.

- No. 13 plow, \$21.00 cash.
- No. 8 plow, \$21.00 cash.
- No. 12 plow, \$22.00 cash.
- No. 21 plow \$21.00 cash.

One Horse Plow No. 15

Unexcelled as a Garden Plow

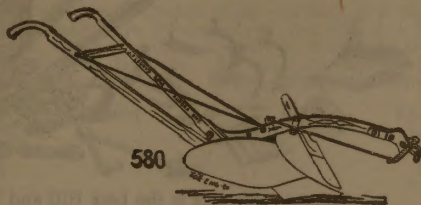
A one-horse or garden
plow that cuts the width it
turns, and turns a furrow
properly. Price, each \$18.00.

Fleury's Celebrated

Root Pulper, No. 7, \$18.

Fleury's Straw and Ensilage Cutter, No. 1, hand power. Price \$20.00.

578
No. 21 Fleury Plow. \$15.00.

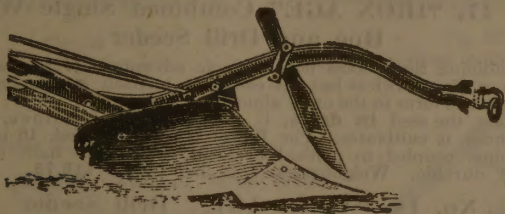


No. 15 Fleury Plow. \$12.00.

WROUGHT IRON HARROWS

Garden Harrows—In two sections, \$16.00.

Farm Harrows—In three sections, \$22.00; four sections, \$28.00.



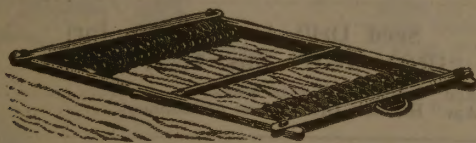
WILKINSON PLOWS

We can supply the following desirable "Standard" Plows, manufactured in Toronto, of the best material (regardless of cost) by the Bateman-Wilkinson Co.

Narrow one-horse plow, \$18.00.

Wide one-horse plow, No. 13, \$18.00. No. 3, \$21.00.

No. 4, \$21.00. No. 5, \$21.00. No. 7, \$21.00. No. 21, \$21.00.



THE MEEKER SMOOTHING HARROW

A perfect Harrow and Roller combined. It
has four rows of steel discs which grind all lumps,
leaving the land smooth and level.

One horse size, 4 ft. 6 in. by 4 ft. \$35.00

Two horse size, 6 ft. 8 in. by 6 ft. 40.00

CORN PLANTERS

The Automatic Corn Planter is of the
best material, well and durably put together, and
finished to stand long use and all sorts of weather. In this planter the seed is delivered from the Dropper to the receptacle at the bottom, which when opened by pressing over on the foot, leaves it at once the depth required, avoiding the trouble found with all Hand Planters that deliver the seed direct from the Dropper to the soil. It also has a most convenient attachment for regulating the depth of planting; this can be raised or lowered in a moment. Price \$3.00.

TWO HAND CORN PLANTER.

King of the Field—Malleable iron dropper;
iron seed box and channel for the seed. Price
\$1.25; with Pumpkin Seed Attachment, \$1.50.

Automatic Corn
Planter



CYCLONE BROADCAST SEED SOWER

It will sow all kinds of grain and
seed evenly, and any desired quantity
per acre. Full instructions on every
machine. Price, \$2.25; weight
packed 5 lbs.

THE LITTLE WONDER SEED SOWER

Slightly different in construction
to the Cyclone but does equally good
work. Price \$2 00, weight packed 3
lbs.



CAHOON Broadcast
Seed Sower



Champion Corn Sheller

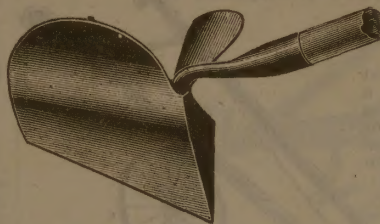
CAHOON BROADCAST SEED SOWER

It will scatter the following distances:—Wheat, Barley, Rye, 25 feet,
Clover and Timothy, 18 to 20 feet. The bag and hopper hold about 2
quarts. Weight 5½ lbs. Price: each, \$5.50.

CHAMPION BALL-BEARING CORN SHELLER

It is the best sheller on the market, and considering the amount of
work it will do, it is the cheapest. Its work is easy, rapid, and highly
satisfactory. Weight, 20 lbs. Price \$4.50.

HANDY HOE PLOW



The Handy Hoe has more
good features combined than any
other garden tool, regardless of
price. Does all other hoes will
do, and more. It hoes, plows,
lists, pulverizes, covers and cultivates. Price 90c. each.

HANDY PULVERIZING CULTIVATOR

Same as the Handy Hoe Plow
except that Mouldboards are open
to allow earth to filter through. Price 90c. each.

"BUCO" GARDEN CULTIVATOR

For Weeding, Cultivating, Potato Digging, Etc.—Length of Handle
4 ft. 5 in. 5 prongs. Weight 3 lbs. Price \$1.25.

The "CAXTON"—Similar to the Bucu but with 3 prongs. Price \$1.00.

THE "CUMA"—Length over all, 18 inches. Each 60c.

EARTHENWARE FLOWER POTS, TREE POTS, SEED PANS, AND HANGING BASKETS



FLOWER POTS

The measurement is
inside.

Packing charged extra
when ordered to be
shipped a distance
from Toronto.

Pots are carefully
packed, but we do not
assume any risk of
breakage.

Special prices on
application for larger
quantities than those
quoted.

Flower Pots				Saucers.	
Size.	Inches.	Per Doz	Per 100	Per Doz	Per 100
Small Thumbs . . . 2		\$0 10	\$0 75		
Thumbs . . . 2½		15	1 00		
Small Verbena . . . 3		15	1 10		
Large Verbena . . . 3½		20	1 25		
Half Pints . . . 4		25	1 75	\$0 20	
Pints . . . 5		40	2 50	25	
Quarts . . . 6		50	3 75	35	\$2 75
Half Gallons . . . 7		90	6 50	60	4 50
Gallons . . . 8		1 50	10 00	80	6 00
Gallons . . . 9		2 00	15 00	1 00	8 00

Tree Pots.				Saucers.	
Size.	In.	Each	Per Doz	Each	Per Doz
2 gals 10		\$0 40	\$4 50	\$0 20	\$1 80
3 " 12		60	7 00	40	3 60
4 " 14		80	9 00	45	5 00
6 " 16		2 00			

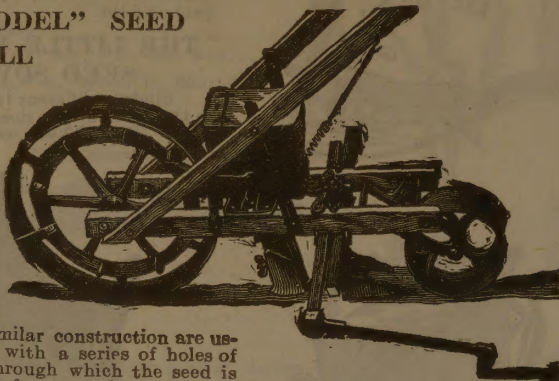
Pans				Each	Doz.
Size					
Depth Width					
Bulb or Fern Pans . . . 3 ins. x 6 ins.				\$0 5	\$0 50
" " " " . . . 3½ " x 7 "				10	1 00
" " " " . . . 4 " x 8 "				15	1 50
" " " " . . . 5 " x 10 "				20	2 25
Seed Pans 2½ " x 8 "				20	2 00
Hanging Baskets . . . 6 " x 10 "				20	2 00
" " " " . . . 6 " x 12 "				30	3 00
" " " " . . . 7 " x 14 "				40	

"Iron Age" Garden Implements

We have no hesitation in claiming these tools to be the most perfect and satisfactory made and we want to place one in the hands of every customer. They have recently become immensely popular, owing to the new departure in their design and construction; in other words they are all right and up-to-date. They are equipped with high, steel wheels, very light, tubular frames connected to malleable iron castings—really bicycle construction, and in consequence they are exceedingly light, convenient, easy to handle and very handsome in appearance.

"NEW MODEL" SEED DRILL

Perfect index;
Instantaneous Cut-off;
Adjustable Marker;
Broad Wheel;
Steel Opening Plow;
Adjustable Handles.



Drills of similar construction are usually provided with a series of holes of varying sizes through which the seed is passed, which, of course, do not always give an opening of the exact size required. This adjustment is made in a simple and effective manner by use of a slide with a pear-shaped opening, passing under the bottom of a seed reservoir, which is provided with a perforation of a similar shape in a reversed position. This slide can be instantly adjusted to size indicated by index, or to a hair breadth variation between—a vital point in a perfect seed drill. As the names of the principal seeds are plainly shown on the index itself, it is not necessary to refer to any table of reference. The flow of seeds can be instantly stopped by a swinging cut-off, conveniently operated by a cord and ring on handle. This cut-off prevents all loss of seed at end of rows. The main wheel is of large size and of unusual width, preventing its sinking into soft earth.

Each drill crated and carefully packed for shipment. Packed weighs 50 lbs. Price \$16.25

NO. 4, "IRON AGE" Combined Double Wheel Hoe and Drill Seeder

Combined in this tool are a Seed Drill, a Double Wheel Hoe and a Single Wheel Hoe. In each form these tools are equal to any tool or tools made especially for the purpose.

As a Seed drill this tool sows in drills with perfect accuracy, having the same Seed index as is fully described above.

The change from a Seed Drill to a Wheel Hoe is made by simply detaching the seed hopper with its frame covers, wheels, etc.; loosening two bolts does it, and applying the cultivating tools. The wheel is made of steel 16" high. Weight packed. 55 lbs. Price, without rakes, \$22.50.



No. 6, "IRON AGE" Combined Double Wheel Hoe, Hill and Drill Seeder



As can be seen by the cut above, anyone purchasing the No. 6 "Iron Age" Combined Double Wheel Hoe, Hill and Drill Seeder, possesses at once, the most perfect and complete tool possible. It is a whole tool-house itself. It drills, hoes, rakes, hills, cultivates, levels, plows, furrows, covers, and does each and every operation in the most satisfactory manner.

The fact that our "Iron Age" Double Wheel Hoe can be converted into a thoroughly practical Single Wheel Hoe, makes this combined machine four different tools, a Hill Dropper, a Double Wheel Hoe and a Single Wheel Hoe, also a Row Drill. This tool will sow all the small seeds varying in size from celery to corn. Weight packed, 57 lbs. Price, without rakes, \$23.75.

No. 15, "IRON AGE" Combined Single Wheel Hoe, Hill and Drill Seeder



Combined in this tool is the best Hill and Drill Seeder, and Single Wheel Hoe ever offered to the public. Each is in itself complete. Changed from one form to another almost instantly. It places the seed in hills or drills, it plows, it rakes, it opens furrows, it covers, it hills, it hoes, it cultivates. The wheel is made of steel, 16 in. high; the frame of pipes, coupled to malleable castings; therefore light, runs easy, is strong and durable. Weight packed, 49 lbs. Price, without rakes, \$20.00.

No. 16, "IRON AGE" Hill and Drill Seeder

The foregoing implement as a seed drill only, \$16.90.

No. 17, "IRON AGE" Combined Single Wheel Hoe and Drill Seeder

In combining these tools not a single advantage of a separate Single Wheel Hoe or Row Drill is lost, as each one in itself is complete. Can be changed from one form to the other almost instantly.

It places the seed in drills, it plows, it opens furrows, it covers, it hills, it hoes, it cultivates. The Wheel is made of steel, 16 in. high, the frame of pipe, coupled to malleable castings, therefore light (runs easy,) strong and durable. Weight packed, 45 lbs. Price \$18.75.

No. 18, "IRON AGE" Drill Seeder

The foregoing implement as a Seed Drill only, \$15.65.

No. 20, "IRON AGE" Single Wheel Hoe

The foregoing implement as a combined Single Wheel Hoe only. Price, with rakes, \$11.25, without rakes, \$10.00.

No. 21 "IRON AGE," Plain Single Wheel Hoe

This is the same as No. 20 but with side Hoes only. Price, without vine lifters, \$7.85.

Seed Drill Attachments for "IRON AGE" Nos. 1, 3, and 20

No. 4 "Iron Age" Drill Seeder Attachment.....	\$9.40
No. 6 "Iron Age" Hill and Drill Seeder Attachment.....	10.65

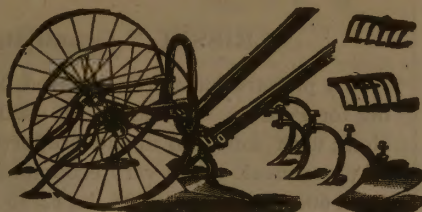


The work of seeding is a pleasure if you use an "Iron Age" Seeder.

No. 1, "IRON AGE"

Double Wheel Hoe, Cultivator, Rake and Plow Combined

The garden or farm is incomplete without at least one of these tools. In cultivating onions, beets, turnips, radishes, etc., it is invaluable, saves hours of hard labor and does the work better than several men could do it in the same time. One great advantage which this double wheel hoe possesses is that it can be made into a practical single wheel hoe in a moment's time. An axle is sent with every double wheel for this purpose. The wheels are 16 inches high, enabling the wheel hoe to run easy and without yielding to the depressions of the soil as a low wheel will do. The frame being made of tubing coupled to malleable castings gives great strength together with lightness. All the tools shown in the out go with the machine. Weight packed 40 lbs. Price, complete, \$15.00.



"Iron Age" Combined Double Wheel Hoe

Extras	
Combined Disc and Fender Attachment	\$1.90
Double Weeder Attachment	1.90
Landside Plow Attachment	1.90
Single Tooth Attachment	.95
Rakes, 6-tooth. Per pair	1.60

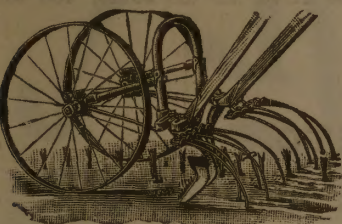


Fig. 81

The Weeder Attachment

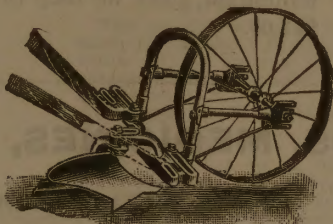


Fig. 82

The Landside Plow Attachment

No. 3, "IRON AGE"

Plain Double Wheel Hoe with Side Hoes only



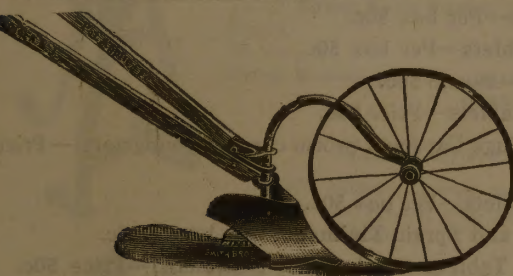
In order to accommodate those who have only use for the Wheel Hoe for hoeing, we offer the machine described above with side hoes only. This implement may be used as a double or Single Wheel Hoe. The illustration shows it adjusted as a plain Double Wheel Hoe. Price, without Vine Lifters, \$9.75

No. 11

"IRON AGE" WHEEL PLOW

Price, \$5.65

Packed Weight 15 lbs.



No. 12, "IRON AGE"

Wheel Plow and Cultivator



Weight packed 20 lbs.

Price,

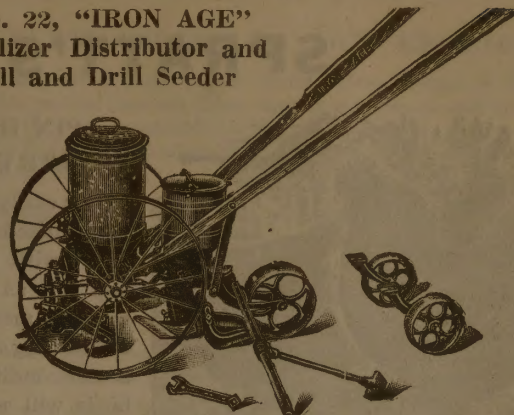
\$7.20

No. 19-C "IRON AGE" Wheel Plow and Cultivator

The 24-inch wheel makes this a very easy working implement. Weight packed 22 lbs. Price \$7.50.

No. 22, "IRON AGE"

Fertilizer Distributor and Hill and Drill Seeder



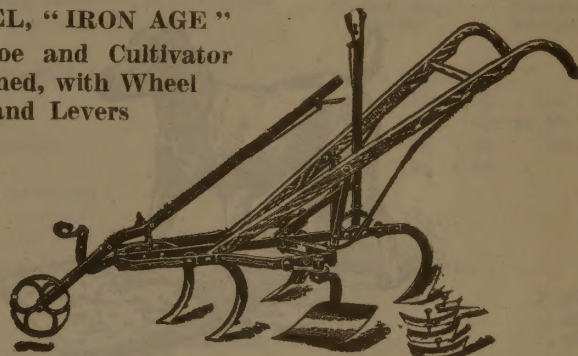
This tool is designed to sow fertilizer and seed in one operation. The fertilizer is distributed in two narrow streams, adjustable in depth and width apart. The seed is sown between the two rows of fertilizer, so no injury can result from coming in contact with it. It will sow in rows or drop in the hills at 4, 6, 8, 12 or 24 inches apart. The seed attachment may be detached and tool is then a most excellent implement for the top or side dressing of growing crops. Weight packed 65 lbs. Price, \$37.50.

No. 23, "IRON AGE" Fertilizer Distributor as a Side Dresser. Weight packed 40 lbs. Price \$27.50.

Hill and Drill Seeder Attachment may be applied to this tool and the seed may be sown in drills or placed in hills at 4, 6, 8, 12 or 24 in. apart, at the same time the fertilizer is distributed. Price, \$10.65.

No. 600 EL, "IRON AGE"

Horse Hoe and Cultivator Combined, with Wheel and Levers



No. 6, "Iron Age" Horse Cultivator

As made at present there is no cultivator in use so completely adapted to the various needs of the farmer, particularly the "truck" grower. With six narrow teeth it cannot be equalled as a thorough pulverizer of the soil, and is quickly changed to any of its combinations. With or without Lever Adjustments of Wheel. We claim this tool to be the strongest, steadiest horse hoe made; hoe standards are very heavy solid steel, adjustable in both pitch and angle of cut, adjustment of width instantly made, steady and smooth in its operation, the only lever adjuster that does not impair the stiffness of the tool. Weight packed 83 lbs.

PRICE—Complete as in illustration with mould boards, scuffler teeth, wheel and levers.....\$15 35
Furrow Closing Attachment..... 2 85

No. 800 P, "IRON AGE"

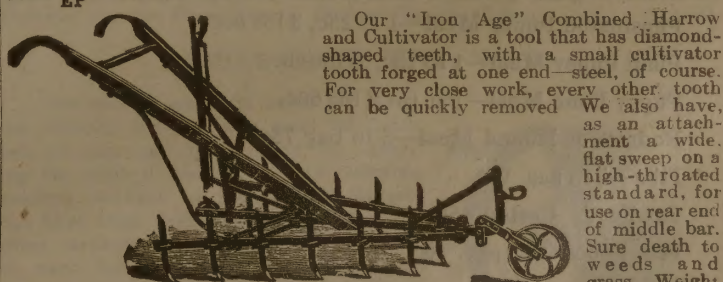
Horse Hoe and Cultivator Combined

The distinct feature of this machine is the screw expander instead of the lever. The former gives equal rigidity at every point in the expansion up to the full limit 28 inches. The side bars are always firm, with no tendency to close.

This Cultivator allows of a much wider range of adjustment than any other, which will commend it to all users.

Weight packed 81 lbs. Complete, \$16.00.

No. 1014 EP "IRON AGE" Combined Harrow and Cultivator



Our "Iron Age" Combined Harrow and Cultivator is a tool that has diamond-shaped teeth, with a small cultivator tooth forged at one end—steel, of course. For very close work, every other tooth can be quickly removed. We also have, as an attachment a wide, flat sweep on a high-throated standard, for use on rear end of middle bar. Sure death to weeds and grass. Weight packed 66 lbs.

With lever expander and wheel.....\$13.25
Sweep attachment..... 1.90 extra.

SPRATT'S POULTRY FOODS



PIN HEAD POULTRY MEAL

It is easily prepared, just mixed crumbly moist with hot water and fed as the first morning meal. An increased egg supply and better condition of the birds will satisfy you of its value.

Per lb 15c, 10 lbs \$1.40, 25 lbs \$3.00.

PATENT GAME OR PHEASANT FOOD

Per lb 15c, 10 lbs \$1.40, 25 lbs \$3.00, 100 lbs \$11.00.

"CRISEL," Granulated Prairie Meat.

A preparation of Granulated Meat which is very nourishing for Poultry. It should be used in cold and damp weather along with soft feed in the proportion of 1 part "Crisel" to 10 parts meal. It is very economical, as well as most effective 5 lbs 60c, 10 lbs \$1.10, 25 lbs \$2.50.

SPRATT'S PATENT POULTRY MEAL

This is the best early morning feed for either chicks or older poultry, combining cereals and meat in granular form. It is easily prepared and should always form the first meal of the day. It is a cooked food containing meat, and is easily digested. Exhibitors have found it unequalled for preparing birds for Exhibition. Per lb 15c, 10 lbs \$1.40, 25 lbs \$3.00, 100 lbs \$11.00.

SPRATT'S DOG FOODS, MEDICINES, ETC.



SPRATT'S DOG CAKES

Patent Meat "Fibrine" Vegetable Dog Cakes with Beetroot—

Per lb.....	\$0 15	25 lbs.....	\$3 25
Large Carton....	0 40	50 lbs.....	6 50
5 lbs.	0 75	100 lbs.....	12 50

Puppy Biscuits—In cartons, 20c and 45c; 5 lb bags 90c, 25 lb. box \$3.50.

Terrier Biscuits—Per carton, 50c.

"Toy Pet" Dog Biscuit—Cartons, each 50c.

Charcoal Biscuits—Per carton 50c.

Aperient Biscuits—Per tin 50c.

Malted Puppy Food—1 lb tin 60c, 3 lbs \$1.25.

Orphan Puppy Food—Per lb 60c, 3 lbs \$1.25.

Pepsinated Puppy Meal—1 lb 25c, 3 lbs 60c.

Plain Puppy Meal—1 lb 15c, 5 lbs 60c.

Puppy Bone Meal—Per tin 2 lbs 60c.

Rodnim or Hound Meal—5 lb bag 75c.

Fibo—5 lb bag 90c.

Cat Food—Carton 45c.

Fish Food—Per pkt. 10c.

Imported Dog Brushes, Combs, Chains, Leads, Whips, etc
Prices on application.

SPRATT'S DOG MEDICINES

(Postage and 4% War Tax extra)

Alterative Cooling Tablets—Price 50c.

Anti-Rickets Tablets—Price 50c.

Canker of the Ear Cure—Price 50c.

Chronic Skin Disease Tablets—Price 50c.

Constipation Tablets—Price 50c.

Cough Tablets—Per box 50c.

Diarrhoea and Dysentery Cure—Price 50c.

Digestive Tablets—Price 50c.

Disinfectant Powder—Price 35c.

Distemper Cure Tablets—Price 75c.

Eczema and Scroptic Mange Cure—(Oily) Per bottle 50c.

Eye Lotion Tablets—Price 50c.

Fit Cure Tablets—For Chorea or St. Vitus Dance. Price 50c.

Hair Stimulant and Restorer—Bottle 50c.

Jaundice Tablets—Price 50c.

Liver Tablets—Per box 50c.

Locurium Tablets—Per box 50c.

Mange Cure—Bottle 50c.

Pneumonia Tablets—Price 50c.

Puppy Vermifuge Capsules (worm cure for youngsters)—Price 50c.

Purgative Tablets—Per box 50c.

Rheumatism and Sprain Liniment—Per bottle 50c.

Rheumatism Tablets (for internal treatment)—Price 50c.

"Sanitas" Disinfectant—Per bottle 50c, gallon \$2.25.

Tonic and Condition Tablets—Price 50c.

Tonic and Condition Tablets for Cats—Price 50c.

Vermifuge Capsules (worm cure for grown dogs)—Price 50c.

Worm Capsules for Cats—Price 50c.

Dog Soap (antiseptic black)—50c per tablet.

Dog Soap (white)—Per cake 15c and 25c.

SPRATT'S BOOKS

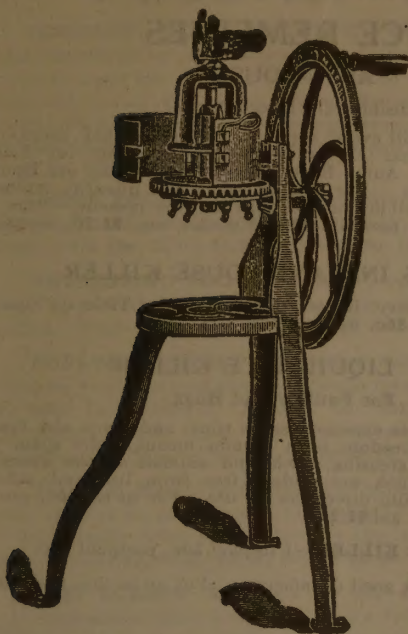
Dog Culture—By Spratt's Patent, 15c.

Poultry Culture—By Spratt's Patent, 15c.

Pedigree Blanks—Each 5c, doz. 40c.

Mann's Bone Cutters

(NEW MODEL)



Mann's Model Bone Cutter No. 7

or pan to receive cut bone. Patented latest Model automatic governing spring feed. Large open-hinged cylinder, giving instant access to all working parts. Six special knives. Gear guard anti-clog device. Heavy balance wheel, with adjustable handle, besides all the best features of our old-style machines. Weight, 107 lbs. Capacity, $\frac{1}{2}$ to 1 lb per minute. Made in one size only. Price \$20.00.

Semi-Power Bone Cutter

No. 7 $\frac{1}{2}$ A combination hand or power Bone Cutter. Adapted to run either way without changing any part. It is always ready for use. Intended to meet the demand for a small power cutter. Cylinder same size as No. 7. Capacity, 50 to 100 lbs per hour. Weight, 150 lbs; diameter of the pulley, 11 $\frac{1}{2}$ inches, 2 $\frac{1}{2}$ -inch face. Speed of pulley, 300 revolutions per minute. The No. 7 $\frac{1}{2}$ has all the late improvements, special feed, anti-clog, open cylinder, tight and loose pulleys, etc. Price \$26.00.

No. 9 For flocks of 100 to 300 hens. The description of No. 7 will apply to this size also. The difference consists of larger cylinder, greater holding capacity, different design and larger table. The machine can be altered into the No. 11 by adding the power parts making a combination machine for both hand and power. Its economy is evident. Weight, 170 lbs. Capacity $\frac{1}{2}$ to 1 $\frac{1}{2}$ lbs per minute. Price \$30.00.

Parts to change No. 9 to No. 11. Price \$12.00.

No. 11 Intended for large flocks when the machine must be run by hand a portion of the time. It is really a semi-power and semi-hand or combination machine, and as such has its place. The No. 11 is exactly the same as the No. 9 with the power parts added. Weight 215 lbs. Capacity, 100 lbs per hour. Price \$41.00.

No. 12 Power Bone Cutter, Weight 260 lbs \$52 00

No. 13. " " " 455 lbs 95 00

No. 14. " " " 420 lbs 112 00

Extra Knives for Bone Cutters, each 65c, set of 6 \$3.75.

Mann's Clover Cutter

Made entirely of iron and steel. Price with balance wheel, \$14.00; with balance wheel and stand \$17.00.

No. 32 Hand Grinding Machine

In this are embodied all the good features of other hand grinding mills to which have been added universal burrs grinding plates that are adjustable for grinding coarse or fine. This machine grinds oats, barley, rye, corn, peas, dry bone, shells, etc., for feeding to poultry. It is strong and well made throughout and of excellent finish, has a 16 inch fly wheel, and is light running. The capacity of this mill is not equalled by any other of the same size. See cut. Weight, 40 lbs. Price, \$6.50.

No. 32 Hand Grinding Machine

LAMBERT'S DEATH TO LICE REMEDIES

"POWDER"—For body lice on Sitting Hens, laying or Exhibition Poultry. This powder does not injure eggs or chickens, or soil the plumage in any way. It is also invaluable for lice on all animals. Also a valuable disinfectant. 5 oz box 15c, postpaid 20c; 15 oz 30c, postpaid 45c; 48 oz 60c. 100 oz \$1.25, by Express.

"OINTMENT"—For Head Lice on Children or Chickens. Sealy shanks on Fowls. 15c and 35c per box, postpaid.

POULTRY SUNDRIES

Poultry Caponizers—Set of instruments, complete with instructions \$3.00. In velvet lined case, \$3.25. We send book "Complete Guide for Caponizing" with every set.

Philadelphia Gape Worm Extractor—Price complete, 40c.

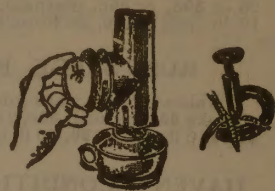
Roup Syringe—This is one of the best cures for Roup and similar diseases to which poultry are so liable. Price, with instructions, 20c each.

French Poultry Killing Knife—Price 85c, postpaid 90c.

Philadelphia Poultry Marker—They are well made with steel spring and cutter, nicely nickel plated. Made in two sizes. Sent postpaid on receipt of price. 30c each.

Duplex Poultry Marker—Two markers in one; 30c each.

X-Ray Egg Tester—The best on the market, 35c; postpaid, 45c.



X-Ray Egg Tester

Poultry Marker

LEG BANDS (Aluminum)

In Packages of

	12	25	50	100
Double Clinch.....	20c	35c	60c	\$1 00
Challenge adjustable.....	15	25	45	80
Smith Sealed.....	35	60	1 00	
Pigeon bands (seamless).....	30			
" " (open).....	20			

Sealers for Smith Sealed Leg Bands, \$1.00 each.

Spiral Celluloid Leg Bands, in assorted colors and sizes.

Sizes 1 to 3, per doz.....	20c,	per 100.....	\$1.25
" 4 & 6, " ".....	25c,	" ".....	1.50
" 7 to 9, " ".....	30c,	" ".....	1.75

N.B.—When ordering Leg Bands, state breed required for.

RELIABLE SPRING LEVER POULTRY PUNCH

This punch makes a good, clear, clean cut, and does not mutilate the web, as do many cheaper punches.

Price, each 70c, postpaid, 75c.

NEST EGGS

Lime, the perfect nest egg, strong and durable, 3 for 10c, per doz. 40c.

Knox, Louse Killer and Nest Egg combined in one. They are effective, they are lasting, they are not expensive, they are just the thing for laying hens. Price, 10c each, \$1.00 per doz.

If wanted by mail add 3c, each for postage.

POULTRY BOOKS (Postage extra)

Egg Farm, new, revised and enlarged. H. H. Stoddard, 1 lb 5 oz..	\$1 00
Poultry Architecture. G. B. Fisk, 10 oz.....	50
Progressive Poultry Culture. Brigham, 1 lb 1 oz.....	1 50
Profitable Poultry Production. Kain, 1 lb 2 oz.....	1 50
Squabs for Profit. Rice and Cox, 9 oz.....	50
Poultry Craft. J. H. Robinson, 1 lb 2 oz....	1 50
Turkeys, How to Grow Them. Herbert Myrick, 13 oz.....	1 00

FAMILY GRIST MILL No. 0.

This mill is especially made for grinding Graham flour or corn meal for table use. It can also be adjusted for cracking the grain if desired. It is a valuable machine to have in the kitchen, as you can have fresh Graham flour or corn meal when wanted. The grinding surfaces are of very hard material, especially made for this purpose. Weighs 30 lbs. Price (without legs), \$8.00. Price (with legs) \$10.00.



POULTRY FOODS, REMEDIES AND APPLIANCES

All Tonics and Remedies subject to 4% War Tax—Kindly include same when remitting.

TONICS

EGG-O MAKES HENS LAY

Keep your chickens strong and healthy. Prevent all diseases—Cholera, Roup, Leg Weakness, etc., use **EGG-O**, a poultry regulator and egg producer.

Price—28 oz. package, **30c**, postpaid **55c**. 10 lb bag, **\$1.20**, carriage extra.

DR. HESS POULTRY PAN-A-CEA

For Chickens, Turkeys, Ducks, Geese and Pigeons.

Price—For 24 oz package, **35c**, by mail **60c**, 5 lb **85c**, express only. In 25 lb pails by express or freight **\$3.50**.

PRATT'S POULTRY REGULATOR

Absolutely pure and free from poisons and all other injurious ingredients. Package containing 28 oz **30c**, or **55c**, postpaid. 4 lb package **60c**, 12 lb. pail **\$1.50**, 25 lb pail **\$3.00** by express.

RUST'S EGG PRODUCER

Makes hens lay when prices are high. Price—1 lb pkg **35c**, by mail **50c**, 2½ lb. pkg **65c**, by mail **\$1.05**, 6 lb box **\$1.50**, 10 lb box **\$2.25**, by express.

HAVEN'S CONDITION POWDERS

Cure for Gapes and Poultry Cholera and medicine for Horses, Cattle, Poultry, Sheep and Hogs. Liberal packages, weighing 14 oz **35c**, postpaid **50c**, 2 lb box **65c**, postpaid **95c**, 5 lb box (equal to six **35c** packages) **\$1.50**, by express or freight.

ANIMAL MEAL

An egg producer, 5 lb pkgs **35c**, 25 lb bag for **\$1.75**, 50 lb bag for **\$3.35**, 100 lb bag for **\$6.50**.

BLOOD MEAL

An egg producer. 3 lbs **25c**, 25 lbs **\$2.00**, 100 lbs **\$7.50**.

HERBAGEUM

POULTRY SPICE—Is unsurpassed in general excellence, cheapness and efficiency for egg production in summer and winter. For the raising of turkey and all other chicks, and for the fattening of poultry. 2 lb pkg **30c**, 4 lb pkg **60c**.

POULTRY REMEDIES

CONKEY'S ROUP CURE—Guaranteed to give best results, for Roup or Canker, a good preventative and positive cure. Price, small size **30c**, postpaid **35c**, 5 oz box **60c**, postpaid **65c**, large size **\$1.20**, postpaid **\$1.30**.

HAVEN'S ROUP PILLS—Price per box of 48 pills, **30c**, box of 112 pills **60c**, box of 250 pills, **\$1.20**.



PRATT'S ROUP CURE. Small size **30c**, postpaid **35c**, large size **60c**, postpaid **70c**.

ROUP TABLETS. Per pkg. **30c**, postpaid **35c**.

CHOLERA CURE, **30c**, postpaid **35c**.

WHITE DIARRHOEA CURE, **30c**, postpaid **35c**.

CONDITION TABLETS, **30c**, postpaid **35c**.

BRONCHITIS REMEDY, **30c**, postpaid **35c**.

GAPE REMEDY, **30c**, postpaid **35c**.

SORE HEAD AND CHICKEN POX REMEDY, **30c**, postpaid **35c**.

LICE REMEDIES

ANTI-LOUSE

A disinfectant Insect Powder

Guaranteed to kill every species of parasite that preys on poultry and live stock. It is an effective Remedy for Ticks on Sheep, Roaches, Ants, Bedbugs and all insects on House plants or Fruit Trees. For dog or cat, small quantity rubbed into the fur will kill all lice or fleas that may be present. Price—One pound box **30c**, postpaid **45c**, 5 pound bag, **\$1.20**, carriage extra.

DR. HESS INSTANT LOUSE KILLER

For Lice on Poultry, Horses and Cattle, also Ticks on Sheep. Price—1 lb package, **35c**, by mail **50c**.

LEE'S LIQUID LICE KILLER

For Poultry and Hogs

Saves labor, saves expenses, saves time, and saves the fowls and hogs. Where freedom from vermin means hours spent in dusting, dipping or greasing, fowls and animals on the average farm and poultry ranch are seldom free from lice and mites. Put up in tins with full directions for use. Per qt tin **45c**, postpaid **60c**, ½ gal **75c**, 1 gal **\$1.25**.

PRATT'S LICE KILLER—1 lb pkg. **30c**, postpaid **50c**.

ZENOLEUM—A good disinfectant. Put up in tins, **25c**, **50c**, **90c**, and **\$1.50**.

FOOD and WATER APPLIANCES

GALVANIZED POULTRY FOUNTS

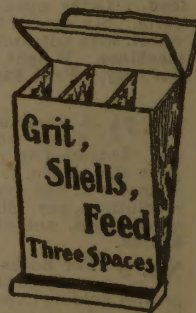
These founts are made of galvanized metal; they are easily cleaned, not injured by freezing; water can be kept constantly fresh.

Price—Small size holds 1 qt **40c**; medium size holds 2 qts, **50c** each. Large size holds 4 qts, **60c** each.

GRIT, SHELLS and FEED BOXES

Made of heavy galvanized iron

These boxes are automatic feeders, the material working down into the seed spaces as fast as the fowls consume it. The front side is sloped in such a manner that the fowls cannot get into the food spaces to scratch. Each **90c**.



DRY FOOD HOPPERS

Have two compartments, a large one for grain, and a small one for beef scraps. These hoppers are intended to be hung against the wall. Price each **\$1.00**.

WALL FOUNTAINS

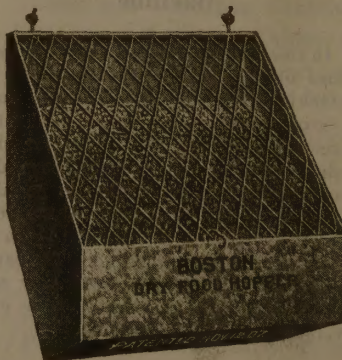
One side is flattened so that it can be hung on the wall of a building, or against any upright. A galvanized iron hood projects over the water trough and protects the water from becoming soiled or freezing, and are readily cleaned by filling with round pebbles or shot and shaking thoroughly. 1 gal. size **80c**, 2 gal. size **\$1.00**.

PIGEON FOUNTS

Made of heavy galvanized iron, and with reasonable care will last for years. May be used for either food or water. Each **\$1.00**.

COMBINATION FOOD and WATER HOLDERS

Made of galvanized iron, with metal bars to prevent wastage of food. May also be used for water. Small size **55c**; medium size **75c**; large size **\$1.00**.



BOSTON FOOD HOPPERS

Made in Canada

Made of galvanized iron with swinging grid (mesh). Grid follows grain automatically, holding in place till all is consumed.

17 in. high, 8 in. deep, 13 in. wide. Holds ¼ bushel. Weight 4½ lbs. Price **\$1.50**.

POULTRY FOODS

SIMMERS' MIXED SCRATCH FEED—This is a palatable and highly nutritious balanced ration, ready mixed for daily use, and is prepared by us to meet the demand of poultrymen who realize the importance of using only sound clean grains. Remember, there is a big difference between poultry food composed of screenings, sweepings, etc., and that composed of clean whole grains such as we use in our mixture. Price—5 lbs **25c**, 50 lbs **\$2.35**, 100 lbs **\$4.50**.

CHICK FOOD—A safe and nourishing food for young chicks just out of the shell, and can be depended upon to carry them right along until maturity. Price—4 lbs **25c**, 25 lbs **\$1.35**, 50 lbs **\$2.60**, 100 lbs **\$5.00**.

DEVELOPING FOOD—Specially prepared for chicks ready to wean from Chick Food. The ingredients are practically the same but not so finely ground. Price—4 lbs **25c**, 25 lbs **\$1.35**, 50 lbs **\$2.60**, 100 lbs **\$5.00**.

POULTRY MASHES—Experience has shown that the fowl requires a greater variety of food elements than is furnished by a straight grain ration. We offer three different Mashers, viz: **Growing Mash**, **Laying Mash**, **Fertile Egg Mash**. Each of these is in itself a perfectly balanced ration for laying fowls. Price—4 lbs **25c**, 25 lbs **\$1.35**, 50 lbs **\$2.60**, 100 lbs **\$5.00**.

CLOVER MEAL (Alfalfa)—One of the very best foods for poultry when there is no green grass, containing 14 to 17 per cent. protein. Should be fed liberally either separately or in the mashes. Price—5 lbs **25c**, 10 lbs **50c**, 25 lbs **\$1.25**, 50 lbs **\$2.40**, 100 lbs **\$4.50**.

BEEF SCRAPS—Darling's 45 per cent. Protein—The best and most economical meat food that can be fed to poultry. May be fed in a hopper where fowls can help themselves at all times, or mixed with other foods in a ten per cent. proportion, and will give good results either way. Price—3 lbs **25c**, 10 lbs **80c**, 25 lbs **\$1.90**, 50 lbs **\$3.75**, 100 lbs **\$7.50**.

MEAT CRISPS (Darling's)—The highest grade of Meat Scraps on the market containing, 75 per cent. Protein. 3 lb. carton, **50c**, 6½ lb. carton, **\$1.00**, 25 lb. pail, **\$3.50**.

CHARCOAL—An excellent aid to digestion. We can supply it in either Chick or Hen size. Cartons, each, **15c**, 10 lb. bags, each, **40c**; 50 lb bags, each, **\$1.50**.

GRANULATED POULTRY BONE—Contains lime as well as animal matter, hence valuable for egg production. Per lb. **10c**; 5 lbs. **40c**; 10 lbs. **75c**; 100 lbs. **\$5.00**; 200 lbs. **\$9.00**.

CRUSHED OYSTER SHELLS—A most important article for the poultry yard through the winter, and should be liberally supplied to the fowls. In summer when left to run at large, they can find their own shell-making material, but in winter they must be helped out if eggs are wanted. 5 lbs., **10c**; 20 lbs., **30c**; 100 lbs., **\$1.25**.

MICA CRYSTAL GRIT—To aid digestion it is necessary to feed some gritty material. Mica Crystal Grit supplies this want better than any other article ever known. Price—5 lbs., **10c**; 10 lbs., **15c**; 20 lbs., **25c**; 100 lbs., **\$1.00**.

Bird Seeds and Requisites



	Per lb.
Canary Seed.....	\$ 15
Spanish Canary Seed.....	20
Hemp Seed.....	15
Mixed Bird Seed.....	15
Millet Seed Chinese.....	10
Sunflower Seed.....	15
Rape Seed for Birds.....	20
Iona Seed.....	40
Maw or Poppy Seed.....	80
Lettuce Seed.....	30
Cuttlefish Bone (per oz 10c).....	25
Canary and Cage Bird Food.....	25
Cod Liver Oil Cage Bird Food.....	35
Lark, Blackbird and Thrush Food.....	1 00
Fuller's Teazle, oz 10c, ¼ lb 30c, lb.....	1 00
Parrot Food Mixture, Simmer's Standard, in 1 lb cartons.....	15
Silver Washed Bird Gravel (3 lbs 10c)	35
Mocking Bird Food.....	35
Bird Lice Destroyer and Bellows.....	35
Simmers' Canary Powder, bottle 30c.....	
Ants' Eggs (for Birds or Fish) pkg 10c.....	
Spratt's Fish Food.....	10
Color Food, orange.....	35
Color Food, red.....	35
Henning's Fish Food, pkg. 5c and 10c.....	

BIRD CAKE—A splendid Tonic and Song Restorative Food for Canary Birds. Per cake **5c**, 6 for **25c**, per doz **50c**. If by mail add at the rate of **20c** a doz.

Bird Seeds of all kinds, recleaned and free from dust and dirt, always on hand by the 100 lbs at lowest market price, and of the finest quality.

BIRD BOOKS

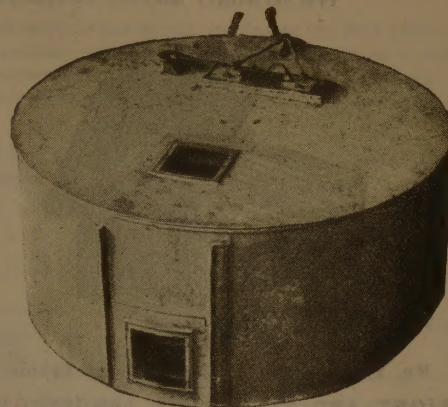
"**AMERICAN BIRD FANCIER**," a very useful and instructive work on the care of birds, price **50c**.

BROCK'S Book on Birds, 25c postpaid.

The Armstrong Electric Incubator

This is the only Electric Incubator we have seen which is really satisfactory in its results. This one has been tested at the Ont. Agricultural College at Guelph, and found to produce as good results as any machine that has been used.

It is made of heavy galvanized iron with double walls. It is self-regulating, supplying not only a constant current of pure heated air, but also the proper amount of moisture necessary to produce strong healthy chicks.



Price, 65 egg size, complete with Thermometer, Egg Tester and one extra bulb..... **\$20 00**

Price, 110 egg size, complete with Thermometer, Egg Tester and one extra bulb..... **25 00**

Incubator Sundries

	Per Doz
Lamp Wick—for Incubator Lamps, No. 0 & 1.....	\$0 25
" " " " No. 2 & 3.....	35
Burners " " " " No. 0.....	Each 60
" " " " No. 1.....	75
" " " " No. 2 & 3.....	90
Lamp Bowls " " " " No. 0 & 1.....	1 00
" " " " No. 2 & 3.....	1 25
Connecting Rod with Thumb Nut.....	60

Thermometers

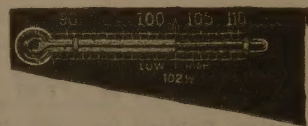
Tested Standard Incubator Thermometer—Mounted on metal graduated base, and distinctly marked high and low. Price. **75c**.

Brooder Thermometers—Each **60c**.

Inovo Egg Thermometer

It consists of a celluloid egg, in the centre of which is suspended the bulb of a very sensitive thermometer. Registers correctly in any style of incubator.

Price **\$1.50** each



Pigeon Food

Prices Subject to Market Changes

	per lb	per 10 lb	per 100 lb
Cinquantina.....	\$0 12	\$1 10	\$10 00
Kaffir Corn, white.....	10	90	8 50
Tares, Black.....	9	85	8 00
Maple Peas.....	15	1 40	12 00
Brittany Peas.....	12	1 10	10 00
Tick Beans.....	20	1 75	15 00
Barley, Two-rowed.....	12	1 10	10 00
Indian Dari.....	10	95	9 00
Peas Small, hard, white.....	12	1 10	10 00
Corn, Flint.....	15	1 40	12 00
Wheat, hard red.....	6	55	8 00
Pigeon Food Mixture.....	9	85	8 00
Health Grit.....	6	55	5 00

"Pigeon Keeping for Amateurs," by J. C. Lyell, 9 oz, 50 cents.

FERTILIZERS

HOW TO APPLY.—Fertilizers may be applied broadcast by hand in the same manner as you would sow seeds, or by means of a Fertilizer Distributor. When large areas are to be covered the latter method is to be recommended. If broadcasting by hand it is better to apply early in the morning or after the wind goes down. A better distribution will then be obtained.

WHEN TO APPLY.—As a general rule mixed fertilizers should be applied (if special machinery is not used) in the spring, just before the final harrowing. This operation will mix the material with the upper layers of the soil and the seeds will thus receive immediate and full benefit. Nitrate of Soda is usually used as a top dressing after the crop is up. When using on Potatoes, fertilizer may be put in drill at time of planting. Bone Meal, Acid Phosphate and Potash Salts may be applied in the fall although noticeable beneficial effects follow spring applications. Never attempt to do your own mixing,—you are bound to be dissatisfied.

RATE OF APPLICATION.—From 500 to 1,000 pounds per acre are to be recommended. Farmers who know the most about fertilizers invariably use the largest quantity. For small areas 4 pounds per hundred square feet will be ample. The amount to use will depend on the nature of the soil, the amount of previous fertilizing and crop to be grown.

Prices Subject to Change Without Notice

Name.	Price.						Analysis.			Crops Suited For
	1 lb.	5 lb.	10 lb.	100 lb.	200 lb.	Ton.	Ammonia.	Av. Phos. Acid.	Potash.	
Potato Special	\$0 10	\$0 40	\$0 75	\$4 50	\$8 00	\$70 00	4	9	1	Potatoes, Vegetables of all kinds.
General Garden Manure.....	10	40	75	4 00	7 50	60 00	3	10	0	For all Vegetables and Root crops.
Sure Growth.....	10	40	75	4 50	8 00	70 00	3	7	2	An ideal general fertilizer, one that may be used with success on all crops.
Lawn Enricher—Simmers'.....	10	40	75	5 00	9 00	80 00	6	10	0	Lawns, Flower Beds, Bowling Greens and Tennis Courts, etc.
Rose and Flower Special.....	10	40	75	4 50	8 00	70 00	2	9	2	Flowers and Shrubs.
Harris H. Fertilizer (Blood and Flesh) ..	5	25	45	3 50	6 50	60 00	..	..	..	Good for general crop.
Bone Meal Pure.....	10	40	75	4 50	8 00	70 00	3½	24	0	Grass, Flowers—Apply in fall.
Bone Flour.....	10	40	75	4 50	8 00	70 00	3½	24	0	Very finely ground, excellent for house plants, etc.
Nitrate of Soda.....	15	60	1 00	9 50	18 00		18.5	0	0	Purely nitrogenous. For all crops.
Acid Phosphate.....	10	40	75	4 00	7 50	45 00				
Agricultural Lime.....	5	25	40	1 50	2 50	18 00				Ground from natural rock.

Wizard Brand Cattle Manure—An efficient, high grade natural fertilizer for all general purposes. It is perfectly dry and without offensive odor, hence is easily handled, and can be stored anywhere till wanted for use. If spread on the lawn it works down into the soil leaving no refuse to be raked off. Per lb 10c, 5 lbs 40c, 10 lbs 60c, 100 lbs \$3.00, 200 lbs \$6.00, ton \$45.00.

Wizard Brand Sheep Manure—This is a pure, natural manure, thoroughly dried and finely pulverized. It is excellent for mixing with soil for potting plants. Strewn over and dug into the vegetable garden, or placed directly in drills or hills, it promotes a rapid, steady growth of plants. For making liquid manure nothing is better. Per lb 10c, 5 lbs 40c, 10 lbs 60c, 100 lbs \$3.00, 200 lbs \$6.00, ton \$50.00.

Land Plaster or Gypsum—Per bag of 125 lbs, \$1.30; per ton, \$20.00

Land Salt—Per sack, 200 lbs \$2.50.

Granulated Bone—For Grapes—Per lb 10c, 5 lbs 40c, 10 lbs 75c, 100 lbs \$5.00, 200 lbs \$9.00.

Bowker's Food for Flowers—In packages. Expressly for house plants, free from odor and clean to handle. Small pkg 25c, large pkg 35c.

Simmers' Concentrated Odorless Flower Food—For house plants, used either in dry or liquid form. Small pkg 25c, large pkg, 35c.

Bon Arbor—For all kinds of plants, either indoors or outdoors. Per ½ lb. pkg 25c, 1 lb pkg. 50c, carriage extra.

Sterlingworth Plant Food Tablets—For house plants. Small size 10c, large size 25c.

Gregory on Fertilizers—Where to get Formulas for Various Crops. How to apply. By J. J. Gregory. Paper, Price 50c. postpaid.

Talks on Manure—By Joseph Harris, M.S., 366 pages, contains ample information on Manures and Fertilizers, their use, utility, effectiveness, etc. Price bound in cloth, 1 lb. 6 oz., \$1.50.

Dairy Supplies

Parchment Paper—For packing and preserving butter—1 lb butter size, 8x11, \$2.50 per 1,000 sheets, 100 sheets 30c. Postage, add 15c per 100 sheets extra.

Printing—Per thousand sheets or less, \$1.00

Thermometers

Standard Float—Will stand upright. The scale stands up out of the milk so that it can be easily read. Each 80c.

MILKING TUBES—For Sor and Obstructed Teats and Hard Milking Cows.

Plated Silver—2 in. 35c, 3 in. 40c, 4 in. 45c.

Fly Kicker

A preparation for protecting Cows, Oxen, Horses, Dogs, against Horse Fly, Gnats, Mosquitoes, etc. Price, Quart Tin, 50c each, Gallon Tin, \$1.25.

Tree Tanglefoot

A sticky substance applied directly to the bark of trees to protect against climbing insect pests. One application remains sticky 3 to 4 months. Price, 1 lb can 65c, 3 lb can \$1.75, 10 lb can \$4.00, 20 lb can \$7.50.

Radix Worm Eradicator

The quickest, cheapest and most thorough on the market for destroying worms, etc., in lawns, tennis courts, etc. Price, 1 lb cans 75c. Quantity price on application.

Climax Lawn Sand

Kills all Weeds on Lawns

Absolutely destroys dandelions, plantains, moss, chickweed, and other weeds in lawns. It will not hurt the grass, but just the reverse, as it has some of the properties of a fertilizer. Applied with care, hand any time during the summer months. 3½ sq. ft. 3½ lb can, for 150 sq. ft. 75c, 7 lb can, 28 lb keg, \$1.25, 14 lb can, for 500 sq. ft. 1.000 sq. ft. \$3.50

Cut Worm Food

An effective remedy for destroying Cut Worms in the soil. It is simple and easy to use. The worms eat it in preference to the plants. For crops started in the open ground, the food is sprinkled around the plants as soon as they break ground, for plants transplanted into the garden, apply as above as soon as plants are set. The worms eat the food and die. Per lb 35c, 5 lbs \$1.50.

Eureka Weed Killer

A special preparation, which dissolves in weeds, without boiling over. Will destroy weeds, drives, moss, etc., on gravel walks, keeps them under stable yards, courts, etc., and lightens gravel paths for the whole season. Imparting any unpleasant without staining one's paths greasy. Price \$1.25 per 100 square yards of in 3-lb tin—ample tins 75c.

PREPARED POTTING SOIL

We can highly recommend our Prepared Fertilized Potting Soil, and are confident you will be pleased with the results. It is put up in 100 and 200 lb sacks, and can be supplied at all seasons of the year. Per 25 lbs 35c, 50 lbs 55c, 100 lbs \$1.00.

An illustration of fresh vegetables. On the left, several long green beans are shown, some whole and some cut. Above them are large green leaves. On the right, there are several round red beets with long, thin roots. The background is a light, textured surface.

SOW
SIMMERS'
SEEDS

1918

Bush Beans

*Simmers' Stringless
Green Pod.*

Pkt. 10¢ ½ lb 30¢ 1 lb 50¢

J. A. Simmers, Limited
TORONTO, ONT.

Beet. Detroit Dark

Red Turnip

Pkt. 10¢ ½ lb 30¢ 1 lb 50¢

¼ lb. 70¢